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<212> DNA
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<212> DNA
<213> Homo sapiens

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ccctttgaca atttttctcc cacacg 146

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<212> DNA
<213> Homo sapiens

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ccccacctcg catgctggct tttacaggga ggtgtctggg attcctcatt agcaatcaaa 180
acttaattac tgggatgcag agtccttact ttatcgccag cccgtata 228

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<211> 458
<212> DNA
<213> Homo sapiens

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ccacctgtga atgccccag agcagcccag gcgctggcca tggggtgagg ggcaggagg 180
agtgcctgac caaccacat ctctcacttg gactattgca gctgtcttct acccagactc 240
cctcctccac ctttgcttcc tctgacacag tttccataga aaaaccaaag tgatcttttg 300

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cccgggtctgc	cctggggcat	gagcagcgat	ggccgggtgc	atccctgagg	agaaaactta	180
ccggcgcttc	ctggagcaa					199

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 <213> Homo sapiens

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gaaatacaga	atatacctag	aaggagcctg	gaatggaagt	gtgaaactga	gttgckastt	300
caaagtgtga	gttggttagct	ggacagaaaag	caggccagtt	aactgaagga	antttgtaca	360
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<210> 21675
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 <212> DNA
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accgggttta	ggccttttct	tggtaggagg	gggtcttccc	cactggtttt	acttggtttt	180
agccaagtga	tagccattgt	aggctcctat	ataccagata	gcatgctaaa	agaaaggaca	240
ctggatttag	agtcogaagt	actaccttgt	cgcttggtta	acatgagatt	tagggcaagt	300
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<210> 21676

<211> 393
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tatctttgct attgtgaata gtgctgcgat gaacatgttg tgcattgtgc tccggtagaa 180
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tgctttgagt ttttgggaaa tcatcaaatt gcttttcaca gtagctgaac taatttatcc 300
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<210> 21677
<211> 294
<212> DNA
<213> Homo sapiens

<400> 21677
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tctggaggtc agaagtttga aatgggtttc actgagctaa aattaatatg tggatagggc 180
tgtgttcctt ctagaagcac taggggagca tctgttccct tgcctttttt cagcttctag 240
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<210> 21678
<211> 253
<212> DNA
<213> Homo sapiens

<400> 21678
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taatcccagc actttgggag gccacggcgg gtggatcacc tgaggtcagg aattcaagac 180
caccctggcc aacatggtga aaccccatct ctacgaaaaa taaaaaatta actgggtgtg 240
gtggcacgcg ctc 253

<210> 21679
<211> 446
<212> DNA
<213> Homo sapiens

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cttgtaaatt gggaacaaac ttctctcagc ttcttgaagt tgttcaacta tccttgccac 180
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gtttagatta tctttaatct ccatgaaatc gtgaaataag acaagaatag tgtttcagct 360
gtaggccatt ttacagctaa ttgcccataa attgtagcat ttattgacct gaagtactaa 420
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<210> 21680
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<212> DNA

<213> Homo sapiens

<400> 21680

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tatcatggta tattatagtg aggagcagcg g	151

<210> 21681

<211> 208

<212> DNA

<213> Homo sapiens

<400> 21681

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cagaccatgt tcacatagga acatattata tcctcataaa ttgtgttacc attaacccag	120
atgtgtggtg attgttttat gtatttgtct tttaaactcat atagaagaaa aatgagttag	180
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<210> 21682

<211> 371

<212> DNA

<213> Homo sapiens

<400> 21682

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tgtgttgagc cagcaacatt ttgcttattt tcaagaggca gagtggcaga gtactaaatt	180
gcaagggtgt gcagacctta aataagtgtg tggtagagcta taaagttaca atgttaaatt	240
agttttctggc tggcccatat tggttccaaa gttgactttg cattttaaaa gaccttactg	300
atttaaaaag cgaatagaga actgcttgga aacacatatc atctgagaga cattcgaaca	360
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<210> 21683

<211> 130

<212> DNA

<213> Homo sapiens

<400> 21683

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<210> 21684

<211> 330

<212> DNA

<213> Homo sapiens

<400> 21684

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caattaatgg atatattggt tgcttccagt ttttggtctt tacacaaaac ggtagttgca	180
catatacatg agtttacta agagttaatc caggaatgga attgctaggt tatagggtag	240
tgtatcttta attttaccag atgatgccaa actaattata caagtttaca ttcccaccag	300

cagttgaaga atttccttgc cctgccaggc 330

<210> 21685
<211> 111
<212> DNA
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<400> 21685
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gcgctccagcc ggccagcagg cagctagagc ccccagagccc cgagccccac t 111

<210> 21686
<211> 194
<212> DNA
<213> Homo sapiens

<400> 21686
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atggttttcca gctattactg taaccagccg cttcacccctg acagcaattc atcttacaga 120
gctgcctcgc taggtttccac ccctctgctt cctgccttcc ccctttacaa acctatcaaa 180
ttaaaaaacta ccca 194

<210> 21687
<211> 180
<212> DNA
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<400> 21687
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tgaggctcag aaaagttaag taacctgagt acagtccaag tatgcctggc tctgagttcc 120
gtcggaccac ccagtcgtcc ctgtggtgcg tctttcagag tatgggcaga tgcagccaca 180

<210> 21688
<211> 199
<212> DNA
<213> Homo sapiens

<400> 21688
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ctttaggact acttatccat aataatgatg aaaactatta tttttagagc catatcaggg 120
attgtgctag agatgcactt tatacagatg tcacatttaa tctgtagaac aattctcaaa 180
ggtaaacagt atcatcccc 199

<210> 21689
<211> 431
<212> DNA
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<400> 21689
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ctggcccgcg acggacgcct cagcttgcaa ccatggtaac gtttctggcg ggggacaccc 180
ccgggagccc accgcgatgg gcagcctcct ggtgactgat ggacgagtgt ccacctccca 240
gaccgagagc gcttagtagg tcggaggaac tggagaggat gtaacacgcc cccagccggg 300

agtgaagccc tggaggagct cctccccctc tcgttccac cctcaagtct gacgasknca 360
cctcgtagc tattgtsatt ttccactggg gcattctgaa aaacaaagggt agaagctgaa 420
gttggtctgt a 431

<210> 21690
<211> 257
<212> DNA
<213> Homo sapiens

<400> 21690
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tgcacaattg agagtgaata ttactgagtc ctgaacaggc aacttacatt ctaataccag 120
ctctgtctcc atccagccga ctgaatagtc gtgattaagt tacttgactt ccttgatat 180
ctagatcctt aaagttaaag aattatacaa gataataata ttttcttcaa actttagaaa 240
atgactttat gaaccgc 257

<210> 21691
<211> 311
<212> DNA
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<400> 21691
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aatgaacat gccattctc agtagctgat gcagtaatat attcagttta tctatgcatt 180
gctgggggtct tgatataaga tggaaacagt gtttcttctc taaagttttg attatcagca 240
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<212> DNA
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<400> 21692
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ttacttggca tctttgtttg gatattgtgat aggttttcaa acataatgtg tctaaaaatg 120
gaaactttta tttctgttcc cttgtccgtt gagctgtctc tgcattggcag gagaagaata 180
gatttttctt acaatgctct tcatcaataa atagaaaatc cttgcttccg gttga 235

<210> 21693
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<212> DNA
<213> Homo sapiens

<400> 21693
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ttcttggtgc ttaaataccc ga 142

<210> 21694
<211> 212
<212> DNA
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<400> 21694
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agctgtttta ctgtcatctg atagttatca tctgatacaa tcatctcaag aacactgtga 120
ggttggcact attattatcc ccattttaca gatgaggaga tcgaggctca gagaaggtag 180
gtaattgtcc aaagtcacac agctgggatg ac 212

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<212> DNA
<213> Homo sapiens

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ttgttatctt taaaatttagc acgcacagag tccataaccg tgtggacctg ttaaatccct 120
gtgccacgat tttatcatca gtaccataac tgaagagaca agaaagcggt ccgtaattcc 180
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gacaatcaca gcagcc 376

<210> 21696
<211> 138
<212> DNA
<213> Homo sapiens

<400> 21696
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ctccacctcc acccgcct 138

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<211> 397
<212> DNA
<213> Homo sapiens

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tgaagaccca attaaagctt tcacataaat gaagctacag ctatcatgat ttagtgcccc 120
caaaaggaag aacttcagtg gacaagaaag gacatttctg ggggtagtag aatgcttgag 180
gcctggaatt taaacctgag ccactatctg aagctattaa ataawagaag aaaatggaat 240
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attcttcctt tggacaaaat gattctccta cagtttt 397

<210> 21698
<211> 405
<212> DNA
<213> Homo sapiens

<400> 21698
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aktatawttc actatgtaaa aggctgaaac ttcataatta tctgttcctt ctatcttttt 180

ttgagtcaaa aagtctatta aatTTTTctg ttgtttgttcc aacttttggtg aaaaaggtta	240
tggcaatact ttaactttgt ttgtttacat tgtttttgtt cttggaatgg ctcacaagca	300
gaatttaaaa ggcagatTTT cattaactat aaatggctga aaaaactgaa tttactatct	360
agctacagaa attatTTTTc tatgggtgtga aactgttccc agact	405

<210> 21699
 <211> 179
 <212> DNA
 <213> Homo sapiens

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tgcttataaa tacttatgac attgagctct tactgtTTTta gttgtcttaa aagaatggga	120
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 <211> 156
 <212> DNA
 <213> Homo sapiens

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cagcactgga cggatcatcc gacagaaaat caacac	156

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 <212> DNA
 <213> Homo sapiens

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atatattaat gatagctctt gggcatcgat ctctgaaagc tcaaattgat ggaatttagt	120
ttgcgggaaa gaggctTTTgc tttgcgcata tcaggcttag gactgtggga ggcttaagtt	180
gcagatgctt cTTTtattgt actcttgTtc tgcccttgTt tTTTgaaggc tctgacttat	240
aactgctgta tcagaagaaa c	261

<210> 21702
 <211> 129
 <212> DNA
 <213> Homo sapiens

<400> 21702	
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gcaacctctg tctcccagca attctgtctc aggtctctga gttagctggga ttacaggcat	120
gcgccacca	129

<210> 21703
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 21703	
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 acaactggtt tgtcttttaa taaacattaa ttttcacttt ctgctcactc tgtgtccttt 240
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 actcttgaac ctattgtgct ttgtcagaca aacctaacac ctgtccatgt ttgttactgc 360
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<210> 21704
 <211> 135
 <212> DNA
 <213> Homo sapiens

<400> 21704
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 gatgtgtctg ctttt 135

<210> 21705
 <211> 170
 <212> DNA
 <213> Homo sapiens

<400> 21705
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 tttgacaaat gcataatcat ggggtccatca tcccaggacc acacagaaca gttctgtcac 120
 ccttaatctc ctccatgctg cccttgtagt taattcctgt cactctccca 170

<210> 21706
 <211> 77
 <212> DNA
 <213> Homo sapiens

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 <212> DNA
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<210> 21708
 <211> 184
 <212> DNA
 <213> Homo sapiens

<400> 21708
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ctaa 184

<210> 21709
<211> 434
<212> DNA
<213> Homo sapiens

<400> 21709
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agaaatgtgt ctaaaatgga mcaccatttc tcaccaccat aataagcaag atcagacttt 180
tcattggcat attatctcag agaattctgac attgtatgtg cctcctaagg tgggtgcagta 240
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agacatagca atca 434

<210> 21710
<211> 257
<212> DNA
<213> Homo sapiens

<400> 21710
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tccgaaggtg actccggagg agaaggtgga tatgaactga cggtgagggt gtagcgcgtg 240
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<210> 21711
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<212> DNA
<213> Homo sapiens

<400> 21711
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gcacccagag gtgcagcgac ttgcccaagc catgtcagag ccaggcgtac agcagcgctt 180
ccccttttca acccgactgc cctgcccctt ggggagggtg gatggaggga ggttcgactc 240
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<212> DNA
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<211> 121

<212> DNA
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<212> DNA
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<211> 314
<212> DNA
<213> Homo sapiens

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atcagccgct ggca 314

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<211> 378
<212> DNA
<213> Homo sapiens

<400> 21716
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<210> 21717
<211> 371
<212> DNA
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<400> 21717
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ctttaacgat gcacaaatca taggtatata ttttctgaca attggaatct attattactc 180
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ttttcaatcc tacawcctca gaaatctaca ctgatactaa taaagggact catttctcct 300
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<211> 341
<212> DNA
<213> Homo sapiens

<400> 21718
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<210> 21719
<211> 179
<212> DNA
<213> Homo sapiens

<400> 21719
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<210> 21720
<211> 232
<212> DNA
<213> Homo sapiens

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agggagggaa ctgtggcccg caacaaagca gtgacaggcc cgacatcccc tgcagcgca 180
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<210> 21721
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<212> DNA
<213> Homo sapiens

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<210> 21722
<211> 199
<212> DNA
<213> Homo sapiens

<400> 21722

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tagcdtcgaa	aggaccctgg	gttttagcaaa	gtattaatgt	gtgtgggtttt	tttattttgt	180
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<210> 21723
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 <212> DNA
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tatcagttta	cattccagag	ggcagtgtat	gagagttcct	gttaatccac	atcctccata	240
acacttggcc	ttttaatttt	gattttcaat	tttagccact	taggtgatat	atagtgggtat	300
aacaaaatga	tttttagtata	cattacctag	tacataaaat	gtttatttaa	aaatagtaaa	360
aaaaaaaaaa	aa					372

<210> 21724
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 <212> DNA
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<210> 21725
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 <212> DNA
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<400> 21725						
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<210> 21726
 <211> 373
 <212> DNA
 <213> Homo sapiens

<400> 21726						
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ggttgtaata	aaggctgcat	tcaagaagac	ccatctgaac	aggtctcact	gtgttgccca	180
ggttggagtg	cagtggcgta	acctcccagg	ctccattgat	ctccctcctt	agcctcccag	240
atagctggga	ctgcagatgg	cccaaggggc	tatacaaaga	aagctgtttg	cacaggatag	300
aattaagagc	agcatgtcag	cattccgtct	gcagttgaga	tgttgattcc	tccttgtatt	360
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<210> 21727

<211> 466

<212> DNA

<213> Homo sapiens

<400> 21727

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aactgctgct	tttctcccta	aaagagccat	cctcatttca	gtggacaaca	atttcattctt	180
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ccactctgtt	agcaaaccat	gtcagctgtg	ctttcacaa	aaattaagaa	acaactactt	300
aattcatcaa	attcatgttg	gtccaggaca	gaagacctgt	tctddctctt	agaatcggtt	360
cataactgag	cctcctgctt	gtagtcttgc	tctgtggta	tggtctcaaa	acagtaacca	420
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<210> 21728

<211> 191

<212> DNA

<213> Homo sapiens

<400> 21728

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ctggtctcga	gctcctgacc	tcagggtgatc	cgcccgcctc	ggcctcccag	agtgctggga	180
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<210> 21729

<211> 193

<212> DNA

<213> Homo sapiens

<400> 21729

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taaagtaca	gatattttgc	tataaaatcg	gtgcagtttt	ttatggtttt	tacacttctc	180
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<210> 21730

<211> 81

<212> DNA

<213> Homo sapiens

<400> 21730

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<210> 21731

<211> 58

<212> DNA

<213> Homo sapiens

<400> 21731

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<210> 21732

<211> 165

<212> DNA

<213> Homo sapiens

<400> 21732

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tgcacttgcg	gatgatgaac	tggaataacg	atgaaagaaa	gcacatccga	tctcaacatt	120
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<210> 21733

<211> 314

<212> DNA

<213> Homo sapiens

<400> 21733

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atacttacaa	cgaattaaca	aaaggagtga	cttaagattc	tccaggaaca	cagtggcagc	180
tattgatgat	ctgttttcta	tctgtttgat	agagcatcat	gagaaatcac	aaaatacaat	240
gctatttttc	tgatgtgtgc	taataaagtc	aaagaaaaca	aatacatctt	gacacttttg	300
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<210> 21734

<211> 126

<212> DNA

<213> Homo sapiens

<400> 21734

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<210> 21735

<211> 95

<212> DNA

<213> Homo sapiens

<400> 21735

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<210> 21736

<211> 355

<212> DNA

<213> Homo sapiens

<400> 21736

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cagacagtgc	gacastggta	gagttcctgt	acagcggttc	gctcgttgtg	gcgca	355

<210> 21737
 <211> 349
 <212> DNA
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 ggttgggcca ggatcccggc aggctgatcc cgtcctccac tgagacctga aaaatggctt 240
 cggggcaagg cccaggtcct cccaggcagg agtgcgggaga gcctgccctg ccctctgctt 300
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<210> 21738
 <211> 186
 <212> DNA
 <213> Homo sapiens

<400> 21738
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 agcaac 186

<210> 21739
 <211> 239
 <212> DNA
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<400> 21739
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 ttctgacaga gattagcctg tgagtcagtg gaccgagtaa ggaagagcca ccctcaccca 180
 gtgtgagcgg gcaccatcca atcagggttg gggcctggat agaaaaaaaa ggccgagga 239

<210> 21740
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 <212> DNA
 <213> Homo sapiens

<400> 21740
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<210> 21741
 <211> 340
 <212> DNA
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<400> 21741

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ccatggtttg	ttcaacatct	ccacctgtaa	tcctgtggcc	aacaccaatg	ccccaacctt	180
ccccacagc	tatcttcact	ctctgccttc	cccatctcag	atactgtcaa	ctccatcctt	240
ctgtcaggcc	aaaatccttg	gagccatcst	caactgctct	tttkgsttta	vatcccasat	300
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<210> 21742
 <211> 102
 <212> DNA
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<400> 21742						
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<210> 21743
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 <212> DNA
 <213> Homo sapiens

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tactggtttg	gacagaagta	gaagttgcct	acctaggaat	gcaacctatc	aggtaattca	180
ggattcccat	gtaaattaac	amgmTTactg	tgtaaacttt	gcagcagata	attacctgga	240
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<210> 21744
 <211> 321
 <212> DNA
 <213> Homo sapiens

<400> 21744						
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ggctgtttcta	atcactttgc	acttattatc	tcagtttttc	tcataaaaaa	ccatatggat	180
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<210> 21745
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 <213> Homo sapiens

<400> 21745						
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ggtcaaatta	cagcacagcc	tctact				206

<210> 21746
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<212> DNA

<213> Homo sapiens

<400> 21746

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aggggacttg ggtgacatcg ggttttgac agcagtgtat aggtccgaga gatgaactat	180
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<210> 21747

<211> 68

<212> DNA

<213> Homo sapiens

<400> 21747

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<210> 21748

<211> 402

<212> DNA

<213> Homo sapiens

<400> 21748

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cgggctaatt tttgtatttt tttbrtaacc agttttcacc atgttggcc ggctggctctt	180
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<210> 21749

<211> 136

<212> DNA

<213> Homo sapiens

<400> 21749

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<210> 21750

<211> 257

<212> DNA

<213> Homo sapiens

<400> 21750

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ttacgaagca atactgtcca gttttcttgc tgtttttccg gtgttgact aaacctcgtg	180
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<210> 21751
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 <212> DNA
 <213> Homo sapiens

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 tttgggatgg agtcttgccc tgttgcccag gctggagtgc ggtggcgtga tctcatctcg 180
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 agtgttttta atttggaaac gaa 263

<210> 21752
 <211> 157
 <212> DNA
 <213> Homo sapiens

<400> 21752
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 catcacggct actgggaatc cgctcgcact gggatgaccg gaccatgaat gatctggagg 120
 acagctatgg acaggagtgg acctatgagc agcggat 157

<210> 21753
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 <212> DNA
 <213> Homo sapiens

<400> 21753
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<210> 21754
 <211> 164
 <212> DNA
 <213> Homo sapiens

<400> 21754
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<210> 21755
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 <212> DNA
 <213> Homo sapiens

<400> 21755
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gaccagcaat cccatcagaa ttccatcgcc aataccacca cc	282

<210> 21810

<211> 203

<212> DNA

<213> Homo sapiens

<400> 21810

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ggctggagta cagtggcggtg atctcagctc accacaacct ccacctcca ggttcaagca	180
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<210> 21811

<211> 87

<212> DNA

<213> Homo sapiens

<400> 21811

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<210> 21812

<211> 289

<212> DNA

<213> Homo sapiens

<400> 21812

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gctattagcc aggatcatgg tgtaataaga cataacgttt ttccttttaa aaaatttaag	180
tgcgtgtgta gagttaagaa gctgttgtac atttatgatt taataaaata attctaaagg	240
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<210> 21813

<211> 97

<212> DNA

<213> Homo sapiens

<400> 21813

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<210> 21814

<211> 247

<212> DNA

<213> Homo sapiens

<400> 21814

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cagcccctca ctctcccag atctctgccc ctgacaatga aggggagcca agcgtgaaac	120
acagccagtg agcagatgga gaccaccccc atccaaccct gaggagggag gagggggaag	180
cagggagtca aatcccatat acaggggttc ctgggctaag tgaaaattct agaagacaat	240
gacgggt	247

<210> 21815

<211> 54

<212> DNA

<213> Homo sapiens

<400> 21815

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<210> 21816

<211> 150

<212> DNA

<213> Homo sapiens

<400> 21816

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gcttccccgt gccgccctt gaatagtgat ttagtactgt tatctgasgt tcactttcac	120
ccctggctcc tcttccgtct actaccggc	150

<210> 21817

<211> 194

<212> DNA

<213> Homo sapiens

<400> 21817

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atccaggta ctgcaaatgc cattgggttca ttccttctta tggctgagta gtatcctata	180
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<210> 21818

<211> 244

<212> DNA

<213> Homo sapiens

<400> 21818

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gtatkgctaa aaccatcagg tgatagatga tcaggctgat aacacgtgca cctgctgcca	180
accttaacat aaaaaataat actaaattcc cctgtgaagc ctgcatgtgc ccccaaacc	240
ccaa	244

<210> 21819

<211> 161

<212> DNA

<213> Homo sapiens

<400> 21819

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tgagtgtgtg tttaccaagt aattgttagc aagcaggtct t	161

<210> 21820

<211> 191

<212> DNA

<213> Homo sapiens

<400> 21820

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caattcagtg gtatcaaata cattcacagt gttatgcagc catcaccact attcattttc	120
agaacttctt catcatccca aacagaaagt ctatacccat taaataactc cttattttct	180
gtccccaag a	191

<210> 21821

<211> 156

<212> DNA

<213> Homo sapiens

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<210> 21822

<211> 168

<212> DNA

<213> Homo sapiens

<400> 21822

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ggaggagctc agctctgctc tgcacctgtc caagggcatg tcgatcttcc tcgacatact	120
gaggagagca gacaaaaatg atgatgaaa attatccttt gaagaatt	168

<210> 21823

<211> 134

<212> DNA

<213> Homo sapiens

<400> 21823

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tctccagggc cgtc	134

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<211> 151

<212> DNA

<213> Homo sapiens

<400> 21824

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cgggaggccg aggcgggtgg atcatggggg caggagtttc ggtccagcct ggccaatatg	120
gtgaaacccc gtctctacta aaaaaaaaaa a	151

<210> 21825

<211> 126

<212> DNA

<213> Homo sapiens

<400> 21825

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tccccgttc gaactgaggg actgcagacc gcctctgggt agctggatga agcccacccc	120
gtcccc	126

<210> 21826

<211> 172

<212> DNA

<213> Homo sapiens

<400> 21826

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tccttgccaa tgattgatgt tgccagactt tttaatgttt gccaatccga tg	172

<210> 21827

<211> 188

<212> DNA

<213> Homo sapiens

<400> 21827

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gtctgtgtctc agcctaaatt gggctcaaaa ggaagaaaaa ggatgaggaa ttactacaca	120
ttattcgctt ctcttgagga tgacggtaag atgacctaata acaatcaggg gcgaatctga	180
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<210> 21828

<211> 238

<212> DNA

<213> Homo sapiens

<400> 21828

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agatgaagat ctctcttgg aaccaggcac atttgcccc ttctcagtga ctgcaactgtg	180
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<210> 21829

<211> 202

<212> DNA

<213> Homo sapiens

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gcaagaggaa aggagagaga aaccaggac ttagagacag agccccggag agactccgaa 180
cagacccccg cagagagacg gc 202

<210> 21830
<211> 182
<212> DNA
<213> Homo sapiens

<400> 21830
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tggaggcact gttctagaca ctttggtatc aaaactgatt tactccagac aacaacccta 120
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aa 182

<210> 21831
<211> 232
<212> DNA
<213> Homo sapiens

<400> 21831
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ccagctctat atattaccat aaaaaatctt taaatgtaca ccatgtaaca acacttatca 120
acctaagagg aatgccaatt aatgcttgcv aaggcactct aagatttttt tttacaagc 180
aagtgcata taacaacaaa atatctatta ctattctatc tttccaacca aa 232

<210> 21832
<211> 110
<212> DNA
<213> Homo sapiens

<400> 21832
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tcttttgcct cagccacca agtagctggg actataaaca caccgccacc 110

<210> 21833
<211> 129
<212> DNA
<213> Homo sapiens

<400> 21833
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accccgga 129

<210> 21834
<211> 190
<212> DNA
<213> Homo sapiens

<400> 21834
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 aaaaggcagt gaaacaaahb ttcagagcag gtttcttcaa ctgaacaaaa tattttggac 180
 cttagaggtg 190

<210> 21835
 <211> 167
 <212> DNA
 <213> Homo sapiens

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 tctgtacttg atcacatgca gtattaatat tatttaacac ggcagct 167

<210> 21836
 <211> 228
 <212> DNA
 <213> Homo sapiens

<400> 21836
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 ttktctgcac tactgggggc aatatgccac cgatggcatt ggcaacgaga gtgtgaagat 180
 cttggccaag ctgctcttct cctccagctt cctcatcttc ctgctgat 228

<210> 21837
 <211> 247
 <212> DNA
 <213> Homo sapiens

<400> 21837
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 aataaataat ataattgggtg tagcacagt ccttgcattgc agtaggcagc caacaaatcc 180
 ttaatgattg gtaatgcaag ctaaaatttt taatgtctct actatccttt tttattgaat 240
 aacgcac 247

<210> 21838
 <211> 363
 <212> DNA
 <213> Homo sapiens

<400> 21838
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 ttcaagcttt ttggatttcc ttgcattttt gtatgatgatt ggatttgggg atgcatttga 240
 aaagccattc ccagaacagc agcaaaatgg aaacagccat ttggatgta taccaccttc 300
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<210> 21839
 <211> 173
 <212> DNA

<213> Homo sapiens

<400> 21839

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gtgcatgcct gtgtgtgtat atgtgtgtgt gtgcccctat gtgttcatgc acacatgccc	120
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<210> 21840

<211> 354

<212> DNA

<213> Homo sapiens

<400> 21840

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taatctttat agcatcctta tgactagact gccttcttat tcttattttt actcatgaag	180
aatctgaagc agtaaagtta ttttcttgcc caagcttaca caacttgta gtaagtatac	240
ttgaactccg atctacctgt ctgactgtta agttcatggg tttaacacca cactgcatta	300
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<210> 21841

<211> 147

<212> DNA

<213> Homo sapiens

<400> 21841

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tgaaaaatca atgtcgatga attatgggtg gatatttggc tggaggcact gattgtatta	120
gctgccctat taggggatgt ctagaga	147

<210> 21842

<211> 404

<212> DNA

<213> Homo sapiens

<400> 21842

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cgacctggmn cgtttctaca ctgtcaccga gccccagcga cacccgaggg gctacacagt	180
atataaggtc accgcccggg ttgtttcacg aagaaatcca gaggatgtcc aggagggaga	240
atcctgaacc aacctatcca tgaacatact ctctgccatt ttcttagtcc ttttttcggg	300
aaaactcttt tataataaca actgttggtg aaccattcat ctgaaaactc ttataattgt	360
atggaagaga tacagtgatt ttaagaaact acacaaagaa ctat	404

<210> 21843

<211> 397

<212> DNA

<213> Homo sapiens

<400> 21843

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ggattagacg tcattcaggt tgaacggagt tccctgaggt ggggtgggtgc gtgtttatgt	180
gttgagggga ctattcctag tttatgaggt ggtaaggat atcgggtgggg tgggctggag	240

cggtgtcggg ttaggtctga gagaaggcct cgcacaaaac actgtacaaa cccgaaagga 300
 agtctgagag acgaaccgcc ttccctccctg aagcttctag aactggagca gaaagaaggt 360
 gtggcccagg gccagccccg cctcctcccc gggcgga 397

<210> 21844
 <211> 97
 <212> DNA
 <213> Homo sapiens

<400> 21844
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 tcaaaacaat ttaattgaat acacatacac cagcccc 97

<210> 21845
 <211> 86
 <212> DNA
 <213> Homo sapiens

<400> 21845
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 catcatgttc attagtata ctggct 86

<210> 21846
 <211> 421
 <212> DNA
 <213> Homo sapiens

<400> 21846
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 ttggatatta aagaaaccca tgacccata agattggaat agatagggtc aacttaggtt 180
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 cttctactgg ttttcccagt gagaacattt taacaaataa tcctgttgcc gtcagcctat 300
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 tccaatgggt ttttttcttt atggcattat gttctggagg cgtgatatga agccaccca 420
 t 421

<210> 21847
 <211> 329
 <212> DNA
 <213> Homo sapiens

<400> 21847
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 tctactcac acccagcgtt tcccttaacc cggaagtgat ttccgcccct cctctccctc 240
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 gtgacctctg gcccttttct gtcgtccgc 329

<210> 21848
 <211> 399
 <212> DNA
 <213> Homo sapiens

<400> 21848
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gagaggggta ggagaaaaaa tagaataata aggaaagtga agaaaggaga tattaatttc 360
ctaggattcc aagaaaacaa gtgtmacgtg gaaatatat 399

<210> 21849
<211> 167
<212> DNA
<213> Homo sapiens

<400> 21849
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ttatacagac tgcacccctag aaaataaact acaagcagaa ataaatctta ccttacttat 120
taagaaaagt tgtatattta tctatatgaa ttttattagg ggaagat 167

<210> 21850
<211> 107
<212> DNA
<213> Homo sapiens

<400> 21850
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gccccctgct ccggcccagc atggcgaccc cgaccagac cccccaa 107

<210> 21851
<211> 154
<212> DNA
<213> Homo sapiens

<400> 21851
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tgtaaaagga aaaccatctc tgtgattacc tctcaatcta tttgttttta aagaaatccc 120
taaaaaaaaa aattatccaa ttgaacgcac attaa 154

<210> 21852
<211> 179
<212> DNA
<213> Homo sapiens

<400> 21852
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ctgcgaatgg gctccgggga cgtccaaggc gaggcgccag agaagccaca tcaactcagc 120
tccttactcg actcctgcat gggcgatata gtctcgcccc aacctctcta agaaccccc 179

<210> 21853
<211> 196
<212> DNA
<213> Homo sapiens

<210> 21858

<211> 111

<212> DNA

<213> Homo sapiens

<400> 21858

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gagtgtctcc taaaaaagca gctctaggta ctttgtatctt gacggccgag t	111

<210> 21859

<211> 255

<212> DNA

<213> Homo sapiens

<400> 21859

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tacttgaagt tttagggtag atgtgcacaa cgtgcagggt ttgtacatat gtatacatgt	180
gccatgttgg tgtgctgcac ccattaactc gtcatttaac attaggtata tctcctaattg	240
ctatccctcc gccca	255

<210> 21860

<211> 373

<212> DNA

<213> Homo sapiens

<400> 21860

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tcattgggag cactttcagt tggctgctgt gtctctttga catattccga tcaactgtaat	120
ttttattttt tttttgagca cgtccttctt ttctggcgct acaagatgct ccaggctcat	180
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ttattggaga atggtattaa aaccaaggct aagatgctag gcaacatccc taattatccc	300
cactacacca gaggttccaa aactttctca gtcacagtg cccttcgtgg ctcaaaaatc	360
tttcacagca caa	373

<210> 21861

<211> 130

<212> DNA

<213> Homo sapiens

<400> 21861

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gatagcttga gccaggagt tcgagacctg cctgggcaat atagcgagac cccgttctcc	120
agaaaaagga	130

<210> 21862

<211> 233

<212> DNA

<213> Homo sapiens

<400> 21862

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aaaaaatagg aaaacatata acaatagaat tacttaatta aattgattcc ttggctgggt	120

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gaaatgactc caagggtttt ggcttgagca atcagaagga tccatctaac atttactgaa 180
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actattttgg tga 373

<210> 21868
<211> 169
<212> DNA
<213> Homo sapiens

<400> 21868
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atgataccac ttttcatata ttttaataac tttacaacag catgcttcta tttatcctcc 120
tgttttttgc attattgtca taaatttact tccatagtgt ataaaccgc 169

<210> 21869
<211> 184
<212> DNA
<213> Homo sapiens

<400> 21869
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ataaatctct gtctcacact gtggtatcca gaactgaata taagacccat agaaatctcc 180
ccag 184

<210> 21870
<211> 408
<212> DNA
<213> Homo sapiens

<400> 21870
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ggcattttta aaagaaaaat gcccttcatg ggtttttctca cattatttta acatttacta 180
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aaatttcaca agacaaatat ggtcccaaaa tgtagtcaac aaaattccta ttcaaattca 300
acttaggttt aaactgagtc tgtaaaatat tttacttgaa atagamrtgc caaagcagas 360
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<210> 21871
<211> 408
<212> DNA
<213> Homo sapiens

<400> 21871
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ttcagggtctc tgatttcaaa gcccatactc tttcctctga gttgcattgc ccctaccagg 180
tacttggaat ttactgtctt gtgcaatctt tggatctttg ccttgataat gtgcttaatc 240

attcccttca	cagttcatag	taaagtaaga	atgacgagca	tttagcatca	tcacacacaa	300
gcctaagagt	cagcaagact	caccttacta	taaagctagc	ttcatcagct	ccagcagctt	360
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<210> 21872
 <211> 212
 <212> DNA
 <213> Homo sapiens

<400> 21872						
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atacatcatc	atctttggag	aatttagcga	cggcgctgtg	gaaccagatc	caagaaacaa	180
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<210> 21873
 <211> 365
 <212> DNA
 <213> Homo sapiens

<400> 21873						
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tccagtatgt	tccagaaata	atgtgcggaa	accttagaga	caggttattt	cattaagacc	180
agggttattc	tagcagaaaa	tgcctctctg	gtgtgtagaa	agtgaactaa	gaatagttaa	240
aaaaagaaga	cagtacacaa	atcagggtttc	cagactagat	ggagcgtaag	tgcctactgt	300
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<210> 21874
 <211> 113
 <212> DNA
 <213> Homo sapiens

<400> 21874						
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<210> 21875
 <211> 240
 <212> DNA
 <213> Homo sapiens

<400> 21875						
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tccatatact	ataaattttat	gtactttcaa	aacttaattt	tgtcataata	ttagacttac	180
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<210> 21876
 <211> 160
 <212> DNA
 <213> Homo sapiens

<400> 21876
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 gaaagtttagc tggagaacta tttatctttt ctctctcata 160

<210> 21877
 <211> 389
 <212> DNA
 <213> Homo sapiens

<400> 21877
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 ggaatcagct ttgaagtggg agcccagttg gaagcccggg accgttttaa aaactggtat 180
 ccagctcaca tagaagacat tgactacgag gaaggaaaag tactcatcca tttcaagcgt 240
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 aaaatacagc tgargaaaga gggcttgcat gaagaggatg gatcttcaat gacatcttta 360
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<210> 21878
 <211> 424
 <212> DNA
 <213> Homo sapiens

<400> 21878
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 acagctaaaa caagagggag gagggaaaat aaaggcagtg aacttgacg gatgcatcaa 360
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 ctct 424

<210> 21879
 <211> 340
 <212> DNA
 <213> Homo sapiens

<400> 21879
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 aaaaagcaaa tacttagtga gcagacatgc agtgggggga ccttcctacc cagtgtgagc 180
 cagcatttct cacctgtgcc tctatagtag tctaactggt gtgccagttc ccactttttg 240
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 tcttaccaat tccttttact ctcaaccctt gccgccagtc 340

<210> 21880
 <211> 357
 <212> DNA
 <213> Homo sapiens

<400> 21880
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ccttttttct	caatctctaa	attgtttgac	attgtttttt	attatgaagg	aattgttcaa	120
gtaaataaaa	gatttggaag	gaaaaaaaga	tgtaaataag	ccttgccctc	tcatttctgg	180
tgtatctctt	ttccttgatt	ttattatgat	aaaataattc	cccattataa	agttaatgca	240
aggaaaagtg	actaacttgg	agatgatcac	acttatgt dg	catctctaga	atctatcttt	300
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<210> 21881
 <211> 395
 <212> DNA
 <213> Homo sapiens

<400> 21881						
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gttgaggat	gtaatttggg	aaggagagcta	ctgacattgt	cagcctacta	tgcttttgtt	180
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gatagtggca	ggctgggcac	ggtggctcgc	gcctgtggtc	ctagcacttt	gggaggctga	300
ggcgggcggg	tgatttgagg	tcgggagttt	gaggccagcc	tggccaacat	ggcggaaccc	360
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<210> 21882
 <211> 115
 <212> DNA
 <213> Homo sapiens

<400> 21882						
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<210> 21883
 <211> 335
 <212> DNA
 <213> Homo sapiens

<400> 21883						
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taccgcagag	gagaaggcaa	aaatagctga	gcagggtggag	atattccatc	aagagaaaag	300
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<210> 21884
 <211> 422
 <212> DNA
 <213> Homo sapiens

<400> 21884						
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gtttttccag	atcctggtgt	accgagcagc	agcaaaggcg	gtccggcggc	aggcatgttc	180
tcctccccgg	accaggccgc	accgccccctg	gttagcacc	gcctcagcgt	ctccgccatt	240
cgccgcgtas	tctgaccaat	cggtggctcg	ttcccagcct	tagtccccgc	caagccgtgg	300
ccgcctcgta	gagatggggg	ttcaccatgt	tggcgaggct	ggtctcaaac	tcctgasctc	360

agatgatccg cctgtvttgg cctcccagag tgccaggatt ataggcatga gccactgtgt 420
ct 422

<210> 21885
<211> 252
<212> DNA
<213> Homo sapiens

<400> 21885
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cttgatatatc ttccaggcat gtmgggtgtaa acctgattgt ctcgacattt tctgtttaat 120
tgattgggtgc tgtgaggagt tcggctgctc gtggtaaaac agcgtactcc agttttaagt 180
catcgggtaa aataatagga cagtgatttc catctgtgct tcagtaccca ctttgtgttc 240
ttttcttgaa aa 252

<210> 21886
<211> 83
<212> DNA
<213> Homo sapiens

<400> 21886
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ycctttaaat gagccgaggt cat 83

<210> 21887
<211> 137
<212> DNA
<213> Homo sapiens

<400> 21887
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aagctgtact ggttttgaat cgcggcgcggt ttcccgccgc tggggtcagg ggtcgaggtt 120
cgggtcgtgg ggcggag 137

<210> 21888
<211> 163
<212> DNA
<213> Homo sapiens

<400> 21888
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tttgacagca tsgtcgctaa ttccagaacg ttttaaaacc ccaaatacga cctgccgtac 120
ccattcgtag tcaactccga attccccga ccccatcccc ata 163

<210> 21889
<211> 190
<212> DNA
<213> Homo sapiens

<400> 21889
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ggcccttttg ctgaggggct ctctactggc ttctggccgc gctccgsmcg cgccctctct 120
ggattgcccc gaaacaccgt ggtactgttc gtgccgcagc aggaggcctg ggtgggtggag 180
cgaatgggcc 190

<210> 21890
 <211> 217
 <212> DNA
 <213> Homo sapiens

<400> 21890
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 atcggaattt tatttcttgt ctctgtactc attttgtact ttctagaaag aaattaatga 180
 cgagtaccaa gtgaagcaag gccaatattc ccagcga 217

<210> 21891
 <211> 329
 <212> DNA
 <213> Homo sapiens

<400> 21891
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 aattagggct gggagagagt gagaaagaac agccactacc tacgttgccc tgcctgaaaa 240
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 cctcaacttc aggaagggac cccctcctc 329

<210> 21892
 <211> 199
 <212> DNA
 <213> Homo sapiens

<400> 21892
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 aacatttttag gctttgtggg ccagacaatc tctgttgcaa ggattcagct ctgccataga 180
 caatacataa atgcacaga 199

<210> 21893
 <211> 272
 <212> DNA
 <213> Homo sapiens

<400> 21893
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 cttttcttca ccttctgaga aggtattatt tcttatcaca aagaatgatg aatatgattt 120
 tatctaccct tattttgggg gtaatacgag aatatgaatt gcatcatgat cccattatt 180
 tctaacctaa aagtaaaatt cgtttttttt tttcaaggca gagcagtmaa ttgattataa 240
 gtatttatty ctttttctt cttggagccc ca 272

<210> 21894
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 21894

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aggatttatg	gctaaaatcc	acctcctatg	acaagctaca	cttaactctt	gtgtgaaaga	120
acaaagggtt	ctttcacaag	tctttctaaca	cagggtatttc	ctttggcaaa	cattattaat	180
tttaagttta	cagtccatag	tccttagaac	tatttaaata	aatcttctaa	tattatagaa	240
aggctctttt	tcctttctag	caagtagatt	tttagacaga	aacaaaactg	agtgataaca	300
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<210> 21895
 <211> 121
 <212> DNA
 <213> Homo sapiens

<400> 21895						
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t						121

<210> 21896
 <211> 127
 <212> DNA
 <213> Homo sapiens

<400> 21896						
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gctgact						127

<210> 21897
 <211> 286
 <212> DNA
 <213> Homo sapiens

<400> 21897						
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agcgattgcg	gaaattttcc	agcgccattg	gctgggcasc	gtgagtcctt	cggtcggggcg	180
tgattycagc	accgggggaa	ctggacagca	cctcgggggg	acttctgggc	aaccgcgaac	240
cacagcaaga	actccaccag	cagcytcaac	aacagargcs	gcggac		286

<210> 21898
 <211> 227
 <212> DNA
 <213> Homo sapiens

<400> 21898						
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tttgtaccga	attggcagta	aatgttagcc	atttacagca	atgccaaata	tggagaaaca	180
tcataataaa	aaaatctgct	ttttcagaaa	aaggaaaaaa	aaaaaaa		227

<210> 21899
 <211> 195
 <212> DNA
 <213> Homo sapiens

<400> 21899
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ctcacatatt tcgatgctct gttgttaagc acatacatgt tagggattgg gaaactatgt 180
tgtcttgggg aaact 195

<210> 21900
<211> 365
<212> DNA
<213> Homo sapiens

<400> 21900
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acaccgaagt tcatccatga tgtctgccc cactggggag gatgatcttc ttactccat 120
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gatatatatt caaaagaatt gaaaacaggt actcagatgc ttgtacatcc atgtttaata 300
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tgaat 365

<210> 21901
<211> 144
<212> DNA
<213> Homo sapiens

<400> 21901
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aagtgttgat agtttagtga gtaattttta aagcaagtcc ctgccccctt caacgaccgc 120
caaatactac ttagaggcgg acat 144

<210> 21902
<211> 188
<212> DNA
<213> Homo sapiens

<400> 21902
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gatcatgcca ctgcactcca gcctggcaac agagcaagac tcgatctcaa aaaaattgag 180
aatgggca 188

<210> 21903
<211> 144
<212> DNA
<213> Homo sapiens

<400> 21903
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tacaacaaat ctcagtgaca caca 144

<210> 21904
<211> 156

<212> DNA

<213> Homo sapiens

<400> 21904

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<210> 21905

<211> 342

<212> DNA

<213> Homo sapiens

<400> 21905

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taggaagaca	tgatgatccc	cattttactg	cctaggacag	agagacatca	ggagggttaac	180
tgacttgttc	actgagaaag	cskaggagca	cagactataa	ctccaacagt	ttgaccccat	240
actgcatacg	catcagggcc	ttaatcatga	gactgtatga	cccttctgag	cctgggattc	300
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<210> 21906

<211> 163

<212> DNA

<213> Homo sapiens

<400> 21906

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agcctctttg	tatgacacca	gctctgcagc	aggagtgcct	gtgcacatgg	ccattatgag	120
aaggccagtn	agatttcagg	agtcatgggg	actgtgagga	cct		163

<210> 21907

<211> 99

<212> DNA

<213> Homo sapiens

<400> 21907

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<210> 21908

<211> 192

<212> DNA

<213> Homo sapiens

<400> 21908

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agatgattaa	ctgacttttt	aatatTTTgt	aaataaatcg	gattccttgt	gtcctttgtg	180
ctagtgtaac	cc					192

<210> 21909

<211> 143

<212> DNA

<213> Homo sapiens

<400> 21909

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<210> 21910

<211> 250

<212> DNA

<213> Homo sapiens

<400> 21910

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aataaaaatta	ggagatgtgt	tctgatgtaa	cagtaggatt	agcaattttc	atttattcct	180
tccatatata	tttactgaat	ggctactata	tgccctggtat	tggtccttgc	aagcagaaac	240
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<210> 21911

<211> 290

<212> DNA

<213> Homo sapiens

<400> 21911

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aggagctgg	accagtatct	cagagcctcc	gtctcctatc	agtccgwatg	cttcagaaag	240
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<210> 21912

<211> 155

<212> DNA

<213> Homo sapiens

<400> 21912

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aacccccatg	gctccccctg	aatgcctca	cccgt			155

<210> 21913

<211> 256

<212> DNA

<213> Homo sapiens

<400> 21913

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tttgagagca	tcttcaccag	gaggagattc	catctcaaga	gaccactttc	actgctcata	180
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<210> 21914

<211> 263
<212> DNA
<213> Homo sapiens

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cttgagtyct gtttacgtga tgaattactt ttattgattt gtgtatgttg aaccagcctt 180
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tttgccagta ttttatggac cct 263

<210> 21915
<211> 251
<212> DNA
<213> Homo sapiens

<400> 21915
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ttactgatct tttttgttta agcctcttgt agctgagttt cttttatttg caacagaaaag 120
agacatgtct aatatatttatt ttcccaaaat atgcatcaaa tttcacttct ttccaaattg 180
attattttcca gtttaaaaca tgaggatgat gcgtgcacat ctttagtact ctcaatgttt 240
ccaaccgca c 251

<210> 21916
<211> 429
<212> DNA
<213> Homo sapiens

<400> 21916
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atgaggatca gacattgttt cagcactgga tctcctctgt cccctctctt gctacagcat 420
acagcccg 429

<210> 21917
<211> 409
<212> DNA
<213> Homo sapiens

<400> 21917
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cagacatgta tatgtcgata aactgagggt ttgcgtccct attgcctggt gcaagctaca 240
gcaaaaaacc ggtgatatca catctacaaa tctcaatgga ttcaaaaaca atatgaaaat 300
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<210> 21918
<211> 217

DEPT-001

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gtgcggggcc	accttgaaca	agggattctc	tcttgaaca	ttgacctgtc	atcctttgac	180
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accctctccc agtatgattt tcccaattga ataaaaactt cattttttaa aaagcagcag      180
catatatata agaaccaaag ttttgcccat catgcttata cacttctcta ctctccaatc      240
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ctcttttttag atagccaagt tataactttt ttgaaaagac attattggac taagttagta    180
ggtcagccc                                     189
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<400> 21921						
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atgtttggat	gggtggatgg	atggatgatg	ggtagatgag	tggatagggtg	gatgatgaat	180
aatgggtgga	tagacagatg	ttttgatggg	cgaacagatg	gatgatgggt	agatggatga	240
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ttgaaatgta gaaagtaaaa tatgaataat tttttacaac cactccaaat tagttgaaac    180
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aaaatcttga acggtga 197

<210> 21923

<211> 428

<212> DNA

<213> Homo sapiens

<400> 21923

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cagtggcaca	atcacagctc	actgtaggct	ctatctcctg	ggctcagggt	atcctcccaa	300
actcagcctc	ccaggtagct	gtggctccag	gcgaactact	gtatatagag	acagggtttc	360
cctatgttgc	ccaggctggt	ctggtcttat	agtccctggg	tcaagcctcc	cagagtgtctg	420
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<210> 21924

<211> 462

<212> DNA

<213> Homo sapiens

<400> 21924

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gaggaaacaa	aattaaaatt	catctgggaa	tttgtgcctc	ttgtctagta	tatagtcacc	180
actaaataat	ggcttccggt	tttattttct	ttcagggttt	gctttaaatt	ttgttttcca	240
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agatgaatac	tgaagaaaaa	tccaaacctt	aaaggaaatg	tgcccttgta	ttttatgggt	360
gaggggaaaa	agtacatttg	tacatttcaa	catataataa	gcaaaaaaat	tactaatcag	420
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<210> 21925

<211> 101

<212> DNA

<213> Homo sapiens

<400> 21925

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<210> 21926

<211> 268

<212> DNA

<213> Homo sapiens

<400> 21926

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tccgggcmgc	cccggacccc	attggcttta	ggggccgcgt	ctccgagggc	tccgatttgg	180
gccctagatt	ttggaatact	gtgttttgtc	cgtcccagcc	ttcaccaggc	ggattttcatc	240
tcccasacag	ttagtgtatt	atggcaga				268

<210> 21927

DASH-Diet

<211> 386
<212> DNA
<213> Homo sapiens

<400> 21932
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gcagcgggga gcgtgcctgc gtcgctcgga gcggtgacag caaggagcgc acsdggaggc 180
cgggcggcaa ggggagtttc cagtccctga taagtggagt ccctgctctg cgctgcgcca 240
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tgagccttcg gcccccaaga gacactgtaa gaaccacgga gtgttaaact tggggcttga 360
gaatcagagt catccttgaa tttcac 386

<210> 21933
<211> 123
<212> DNA
<213> Homo sapiens

<400> 21933
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cag 123

<210> 21934
<211> 308
<212> DNA
<213> Homo sapiens

<400> 21934
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ctaaatgact atttttttac atttgcctaa tattaagtt caccttttct gctagaaact 180
tctacagttt tcacaaatgc atagtaatca tgtagccacc attagcgtat cagacagaat 240
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aaaacccc 308

<210> 21935
<211> 323
<212> DNA
<213> Homo sapiens

<400> 21935
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ccgcctccct gttctcagtc gcaggctgaa gccttgctctg ctctcctcct ttttggtttg 180
gttttggaac tgactccgag ggttgggaga gcgcgttggt ggcgacggcc gactcagatc 240
actataaaca aaatttccac aagagaaaat gttgaaatag gatttgcgga tacattggat 300
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<210> 21936
<211> 145
<212> DNA
<213> Homo sapiens

<400> 21936
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gatagcttga gccagaggat tcgagacctg cctgggcaat atagcgagac cccgttctcc 120
agaaaaagga aaaaaaaaaa caaaa 145

<210> 21937
<211> 329
<212> DNA
<213> Homo sapiens

<400> 21937
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gctagaatat ttctccatta actcttgaga ttcacaggac tgtctagctc tgagtcctag 120
caatagactc cttagaggag tagtacgttt atctagattt tctctagata atgcaggcgg 180
aagacctggg ttcccgggtg gggcattgca gtycttcctg tgtttggtt ccaggaatta 240
catgaacgac agccttcgca ccgacgtctt cgtgcgggtc cagccagaga gcatcgctg 300
tgccctgcatt tatcttgctg cccggaagc 329

<210> 21938
<211> 425
<212> DNA
<213> Homo sapiens

<400> 21938
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ggctaaagat gaaaagcaag acattcatct aagggatcag cttagcggca gagatagaca 180
cgcatgcact tacttcagca ccacatgggg agtgtgtgga tagcatgtgc accttcttgc 240
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ggggaagatg aaagatgcat tcacagactg gtgatgtgaa ttattgggga ttcctttaga 360
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atata 425

<210> 21939
<211> 143
<212> DNA
<213> Homo sapiens

<400> 21939
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ataaggatca taataaacat ttaccctta tacttcagta tgcattctta aaaagtaagg 120
agattttcta caaaaggaca gca 143

<210> 21940
<211> 292
<212> DNA
<213> Homo sapiens

<400> 21940
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ttaatgttaa gacattctgg ttcttgacgg cgctaaattt ttctcgttcc cgaattgcca 180
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<210> 21941
 <211> 153
 <212> DNA
 <213> Homo sapiens

<400> 21941
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 ctgccaatca aaagtatcct gaaaacaccc cga 153

<210> 21942
 <211> 327
 <212> DNA
 <213> Homo sapiens

<400> 21942
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 aggtgcaaag agagagaaag gcttaataat ggaggtatca gtcagagttc tggcaggaaa 240
 gagatggcaa acctagatgg atggaatagc acctgccatg gcctgtttat gaactggact 300
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<210> 21943
 <211> 211
 <212> DNA
 <213> Homo sapiens

<400> 21943
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 catagtctat atattctata taagaatata ttccaataag aatatattcc atacgggaat 180
 atattagtca ttgatgtatt ttgccggttt t 211

<210> 21944
 <211> 121
 <212> DNA
 <213> Homo sapiens

<400> 21944
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<210> 21945
 <211> 158
 <212> DNA
 <213> Homo sapiens

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 gagtaagttc ttaagtgggt atccgtgaga tcctgggtgca cccatcatcc aagcaggata 120
 cacttcacca tataagttgt cttttatccc tccccaca 158

<210> 21946
<211> 378
<212> DNA
<213> Homo sapiens

<400> 21946
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ccgtgcttka tagaaaaaga cttaraagaa rctctgactc agtttataga agaaratccc 300
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<210> 21947
<211> 228
<212> DNA
<213> Homo sapiens

<400> 21947
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agatacgagg tggcgctgga ggcggaggag gaggtagtgg aggcgggttc tgcggaggag 180
gaaccaggcg gctccggggg gggggagggt ggagtkctgc ggaggcgc 228

<210> 21948
<211> 125
<212> DNA
<213> Homo sapiens

<400> 21948
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ccgat 125

<210> 21949
<211> 465
<212> DNA
<213> Homo sapiens

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cattttaaatt atatattgga aatccctgct gactcagatt ggtatgatta aaaatgagag 120
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<210> 21950
<211> 50
<212> DNA

<213> Homo sapiens

<400> 21950

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<210> 21951

<211> 140

<212> DNA

<213> Homo sapiens

<400> 21951

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aaattctggc caaggagaga 140

<210> 21952

<211> 195

<212> DNA

<213> Homo sapiens

<400> 21952

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<210> 21953

<211> 158

<212> DNA

<213> Homo sapiens

<400> 21953

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<210> 21954

<211> 141

<212> DNA

<213> Homo sapiens

<400> 21954

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<210> 21955

<211> 262

<212> DNA

<213> Homo sapiens

<400> 21955

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agcgatcacc agacgtgcct baggacacag ggcacagtgt ccaactttga cgcgctcctc 240
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<210> 21956
<211> 207
<212> DNA
<213> Homo sapiens

<400> 21956
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aactctttgt atgcctcatt gaatatgcca ggtaaaattt atgcagtvaa gaatgaatta 180
tttttctgac taaagtgtgt agcagta 207

<210> 21957
<211> 230
<212> DNA
<213> Homo sapiens

<400> 21957
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ggggctggca ctgtgttcta catagaactc atttaataca acaaccgtat aacgaggaag 180
caagccatgt gcatcaatta tcaggaacgc tttaatccaa ctggaacccc 230

<210> 21958
<211> 330
<212> DNA
<213> Homo sapiens

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ggcctcaciaa aagccattta aatttatagc aaggaggaga cagaagcgag cagcccggga 180
aaagcagctg agagactttc ttaagtataa aaagadaaca aatcgattta aagccagacc 240
cattcctcga tctacttatg gttcaactac caatgacaag ttaaaagaag aagagctcta 300
tcgaaacctt aggacacagc tgagagccca 330

<210> 21959
<211> 455
<212> DNA
<213> Homo sapiens

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gccaagacag gaggatcact tgagcctagg agttttgagg ctgcagttag ctatgatcct 240
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<210> 21960
<211> 267
<212> DNA
<213> Homo sapiens

<400> 21960
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aagaaatcaa aagtaggaaa catgatgtaa acgaagcatg gcagatctgt ccagcactga 180
tattgctcta taaattgagc ttactcagtt ttggccttat ttttttacct aggcccatg 240
tcaccagtc ctaaaacagt aaccgta 267

<210> 21961
<211> 264
<212> DNA
<213> Homo sapiens

<400> 21961
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cagtcgtggg ctttttgagc cgttactcca ctggactgtc ctgtaargag ataattgttt 120
agcaacgtgt tctcctttaa aaatgcctct tattatttgg ctgatggact gtatagagca 180
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cgaaattatt tggaaagact ggtc 264

<210> 21962
<211> 459
<212> DNA
<213> Homo sapiens

<400> 21962
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ccacagcaac agctgacctg ccctcactgc cccacacac agatagacct atgaggggct 360
gagatgatta agtactagag ggggtctact cgtgcttttg catgattgtc acttgttaaa 420
acaagtattc tgcagagtta tagaacttca gaagtatat 459

<210> 21963
<211> 139
<212> DNA
<213> Homo sapiens

<400> 21963
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tocacactcg tcttagcac 139

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<211> 198
<212> DNA
<213> Homo sapiens

<400> 21964
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agctgcgaga tgccccgt 198

<210> 21965
<211> 83
<212> DNA
<213> Homo sapiens

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gttgtgtgat cacagatgct gag 83

<210> 21966
<211> 279
<212> DNA
<213> Homo sapiens

<400> 21966
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agcttgatca caaatttttc tgtttataaa atataaaatc acaatttgat acatacgtgt 180
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taagtactta ctatactgat atcagaaaaa aaaaaaaaaa 279

<210> 21967
<211> 343
<212> DNA
<213> Homo sapiens

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<210> 21968
<211> 273
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<400> 21968
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gtagccaata tcttatttta ccatcaaagg cga 273

<210> 21969
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<212> DNA
<213> Homo sapiens

<400> 21969
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ttaggtttca agcagcaaaa twracagtgc agctcagaaa ttgtagtttg gttcttga 418

<210> 21970
<211> 158
<212> DNA
<213> Homo sapiens

<400> 21970
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tcccaccttg gactttctcaa gtgttggtat tacaggcatg aaacactgca ccaagctaga 120
aatacttgcc catttctatt gctcgggtca cgtggccc 158

<210> 21971
<211> 265
<212> DNA
<213> Homo sapiens

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gcaatgctgt tcagctgcct gtttgaagaa agtttatctt ttaaaaacta tgtttgagct 120
tggctgaaga gagacatgga aatattgaag aacgtatgag acatttagag ggtcaacttg 180
aagagaagaa tcaagaactt caaagagcta ggcaaagaga gaaaatgaat gaggagccaa 240
gagccttaat catttttatt gccac 265

<210> 21972
<211> 379
<212> DNA
<213> Homo sapiens

<400> 21972
catcagcbca gttgatccaa gaagactcta ggagctggct aagccacaaa gtctgcccac 60
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<212> DNA
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<400> 21973

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<210> 21974
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tgaagttgtt	gagcctcttg	gatgtgtgta	ttcctgcctt	ttgtcagatt	ttggaagttt	180
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<210> 21975
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<210> 21977
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 <212> DNA
 <213> Homo sapiens

<400> 21977						
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atgtaggcgc	gaaagtga	agtgaggcag	ccccggcac	ccaaaatttg	ttgacaaaaa	240
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<210> 21978
 <211> 253
 <212> DNA
 <213> Homo sapiens

<400> 21978

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 <212> DNA
 <213> Homo sapiens

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tgtgtcagcc	agaggatgag actctggtgg ggttcccatg
cgccccagcg	cagttagggc agcggggggc gccccatcta
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<210> 21980
 <211> 198
 <212> DNA
 <213> Homo sapiens

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<210> 21981
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 <212> DNA
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caaa	

<210> 21982
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 <212> DNA
 <213> Homo sapiens

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atatataata	cattattgtt aactctat
attcctgcta	tctaactgta gctttgtacc
tcaccatccc	atcctca

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<212> DNA

<213> Homo sapiens

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gatggcaatt	actgcctgac	gtgcggcagt	gacaagacgc	tgaagctgtg	gaacccgctt	300
cgggggacgc	tgctgccgac	gtacagcggc	cacggctacg	aggtgctgga	tgcggccggc	360
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<210> 21984

<211> 362

<212> DNA

<213> Homo sapiens

<400> 21984

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ctacaaggag	agaccctgcc	tttaccaaaa	ataaaaaaat	ctgctgggtg	tgggtggcaca	300
tgcctgtaat	cccagctact	tgggaggctg	aggcaggaga	attgcttgaa	cctgggagca	360
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<210> 21985

<211> 76

<212> DNA

<213> Homo sapiens

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gcgcagaaaa	ctcccc					76

<210> 21986

<211> 407

<212> DNA

<213> Homo sapiens

<400> 21986

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tctgcatggc	ggcgggcgct	cactgtcata	tctacatcac	caggcacaag	ccgcatggat	240
ccagtggccc	tgggtggcgt	tgggtgtccc	aggcgctttc	ctggaggaca	tgtgagaagc	300
cctgccggcg	catactgggc	ctggggtagc	cgcatgggga	tgggtctctg	cgcatgaaat	360
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<210> 21987

<211> 133

<212> DNA

<213> Homo sapiens

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 gcaccagcga aac 133

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 <211> 418
 <212> DNA
 <213> Homo sapiens

<400> 21988
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 ttggggccct accgtgagcc cacaacctcc agggtttctg tgggagaggg ctgctcccct 180
 agaccagca ggtccctgag ccattggcaa agaggagaga ggctggggcc acaggtggtg 240
 ctggccgagg aaggaggagt agggtcgcac agaggagcac tgatggatgg agaaccagtt 300
 ctgggagttt ggggagagat caaggcagga gggagccac tgggcagaac ctaaagggtcc 360
 atatgggcag catgcataca caggaaagtc tacagtttgg taccagga ctgcgan 418

<210> 21989
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 <212> DNA
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<400> 21989
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 ctagtagctc ggatcacagg cagcaccat 150

<210> 21990
 <211> 317
 <212> DNA
 <213> Homo sapiens

<400> 21990
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 taattcatgt ttaatatggt tttccacatg tttattaagt gccttctatt aaggatgatgc 180
 taaaaaagt tagtacttga catctatgta gtactttaca gttatcagtt actttaatat 240
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 ttaagaaaag aggttaa 317

<210> 21991
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 <212> DNA
 <213> Homo sapiens

<400> 21991
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 aagagttggg ggaggagagg gaaagaaagt taattatacg tgttcccttt ctgcaatgca 180
 gaaagaaaat agttatatcc ttagaaatca gtcaaaatgt atacagctga tctaatttgt 240
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<212> DNA
<213> Homo sapiens
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<212> DNA
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<212> DNA
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<210> 21996
<211> 168
<212> DNA
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<210> 21997

<211> 112

<212> DNA

<213> Homo sapiens

<400> 21997

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<211> 340

<212> DNA

<213> Homo sapiens

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aataaatgtt gctttaccaaa agaggtggga agatggaaga caggatggag tgaaaggctc	180
cagtaatttt acctatggta ctctgagttc acaaagggtg cttgtactca gacagaaaac	240
cgcagcgtga agaggggaca gcatgagtga agaggaagtg aattttcacc cttcacttcc	300
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<212> DNA

<213> Homo sapiens

<400> 21999

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<210> 22000

<211> 228

<212> DNA

<213> Homo sapiens

<400> 22000

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tttatagttt ttaaaaacaa atttgaaatt atttggctat tatttcctca aatatttttt	180
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<210> 22001

<211> 310

<212> DNA

<213> Homo sapiens

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<210> 22002
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<212> DNA
<213> Homo sapiens

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<210> 22003
<211> 233
<212> DNA
<213> Homo sapiens

<400> 22003
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aaacactact gttttaccag gctttctttc atcccgggtca cttagagcag tgc 233

<210> 22004
<211> 94
<212> DNA
<213> Homo sapiens

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<210> 22005
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<212> DNA
<213> Homo sapiens

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tttccagggtt caaatgggtga aagacgatga cccctcctgg aagcccactt ttatcgtgaa 180
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<212> DNA
<213> Homo sapiens

<400> 22006
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atggactgga aagttaagtt tttgcagtga t 151

<210> 22007

<211> 391

<212> DNA

<213> Homo sapiens

<400> 22007

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<211> 382

<212> DNA

<213> Homo sapiens

<400> 22008

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gtggtaatat	ttgtgttcat	tctatcattc	gtgctattta	tttccttaaa	cttctgaaag	240
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agtcagatac	taatattctg	tagaagatat	ttctaaaatc	ttatctttaa	aatatgaaat	360
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<211> 241

<212> DNA

<213> Homo sapiens

<400> 22009

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tatttaccta	gcatttatat	tatattagat	attataacta	atctagagat	aatttaaagt	180
atactgtaga	gtatgcatta	ggthatatgc	aaatactaca	ctatttcmta	taagggacaa	240
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<210> 22010

<211> 145

<212> DNA

<213> Homo sapiens

<400> 22010

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<210> 22011

<211> 445

<212> DNA

<213> Homo sapiens

<400> 22011

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aaagttttcc	atttttgtca	gtctgagtca	tcaaaaagag	tcttaatttt	ctaaaacaag	180
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ggccatgcaa	gtggtttg	ccccattcag	aactctcaga	ctctaaacac	acaagtagat	360
tgatctaagg	catgctccca	gcatttgtcc	accacttag	tccactctga	gtcgattaac	420
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<210> 22012

<211> 254

<212> DNA

<213> Homo sapiens

<400> 22012

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ttctctgaag	ggtttttcgc	caagtgggtg	cgtgtcttct	ctgagcgggtg	gttcccat	180
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<210> 22013

<211> 328

<212> DNA

<213> Homo sapiens

<400> 22013

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cctctctcca	atcttggggg	ccttatttgt	aaaatgagag	gattggacca	cagagcgatg	180
gccagtaaaa	cagagaaaaa	gaagctctca	aagtgaagac	aggaatgcat	tgtataaaaa	240
ttcacacccc	ctgctgccgc	ccaaactccc	ttaaaaaagg	atcaagagaa	tcctgacggg	300
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<210> 22014

<211> 213

<212> DNA

<213> Homo sapiens

<400> 22014

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agtgatcctc	ctgcctcagc	ctcccaaagt	gctgggatta	caggcgtgag	ccactgcacc	180
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<210> 22015

<211> 467

<212> DNA

<213> Homo sapiens

<400> 22015
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cataaattac ctaatgaccc tgtccatgct gtgctacgtg tttagggtgga ataacactcc 180
catggatgaa gcaactgact ttggacacca tgatgtatatt aaaattctcc aagaatacca 240
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gaatcttgat ggattgttgt aatgggtctca aatcccaaga tttaaatcac ttacctatatt 360
aattgtggaa aatgattatg aagaacatgt gtatttctat ctggtagtga tgtatatktt 420
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<210> 22016
<211> 195
<212> DNA
<213> Homo sapiens

<400> 22016
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gtgggttttct tgggtataac tgtgttggtg ttttgagctt ggatgtcata agctgtaatt 180
taatcactcc cctta 195

<210> 22017
<211> 93
<212> DNA
<213> Homo sapiens

<400> 22017
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ttgaccagga tctgccttcc ccgtgcccc cgt 93

<210> 22018
<211> 191
<212> DNA
<213> Homo sapiens

<400> 22018
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gcttggttac gacaaatcaa gtgaaaatat ctcttgagcg tgcttgctta cataaaaata 120
agcgttttgg cactaacatt ggtagactct ggtaggtctt tccatcttag attattttta 180
tttcaaggaa g 191

<210> 22019
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<212> DNA
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<400> 22019
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gtttccaagc gctcgatggt ggagatgctg gggggcgtc 99

<210> 22020
<211> 252
<212> DNA
<213> Homo sapiens

<400> 22020
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 atgctaccaa gtcttgatg ttagggcgag accctgcaag ttgagtatta gagagcttgt 180
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 aacccagtc ga 252

<210> 22021
 <211> 321
 <212> DNA
 <213> Homo sapiens

<400> 22021
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 atgatgcagt aaatgagcaa tgacagtgtg ctgcagagaa aatttactct tgcctagaac 180
 tggagggttt ttatgggtct gtaattttcc cacactcatt gctgaaagct taattaagta 240
 cttcaaaaac gtatctccat tgttttaacct tcttgagggg aacggtcttg ttaaccagcc 300
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<210> 22022
 <211> 278
 <212> DNA
 <213> Homo sapiens

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 ccgcccagga ggctgtgtct taatcactgt caggtgaagc crsagccaga ggttaacatg 180
 tgaaaggaag ggagagagca agcccggctt gcaggccgca ccctgatag tttgtttcac 240
 atccctaaca agcagggttt acctgagcaa acacaccc 278

<210> 22023
 <211> 74
 <212> DNA
 <213> Homo sapiens

<400> 22023
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 cacacacaca caca 74

<210> 22024
 <211> 164
 <212> DNA
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<400> 22024
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<210> 22025
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<213> Homo sapiens
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<210> 22030
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<212> DNA
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<400> 22030
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ccatccaagg aagatcactt ctaggaacaa gcaacattaa agagctttaa gtgtgtgtgt 120
tgaggggagg agggcagtgg gtgatgcctt gtggagaaat aggtggatag aggcaagaat 180
taaagctagg aaaccggtta ggaggctgtt cttttaccca agaagccatt ctagactctg 240
gaaattcggt agagcacaaa gtccctgccc tcatgggggtt tctattctag ttagggaaag 300
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<210> 22031
<211> 133
<212> DNA
<213> Homo sapiens

<400> 22031
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ctttgattcc tagccagtag atcttatcta cactttaatg ggagagaatg gtggtgtgtg 120
ggtaggcaca aaa 133

<210> 22032
<211> 139
<212> DNA
<213> Homo sapiens

<400> 22032
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acttggtgaa accccgccca 139

<210> 22033
<211> 185
<212> DNA
<213> Homo sapiens

<400> 22033
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tgatgtattc atctttctaa taaagcctag aaataataac acacaggact ggcagtcag 120
gaaggagaa aagcgagtca tgggaggtca gccaaaggcag ggcgctttca tgatgggggc 180
agctc 185

<210> 22034
<211> 220
<212> DNA
<213> Homo sapiens

<400> 22034
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atatgtccag gcgcagtggt tcgtgcctgt aatctcagca ctttgggagg cggaggcagg 180
caggcagatc acttgaggtc aggagttcga gaccagccca 220

<210> 22035
<211> 233
<212> DNA
<213> Homo sapiens

<400> 22035
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aatacaaacc cttttcagaa ataagtattt tttcctagtc tatgccttgc gtttttattt 180
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<210> 22036
<211> 439
<212> DNA
<213> Homo sapiens

<400> 22036
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cagaacagct gatatcagta gtttcattgg tgtgcaggcc ctgaaagaat atttcaaaag 180
gaaaatttaa catttcacaa tgctcaagtt gttatctata gagcagttaa aggaaactat 240
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agagagcaag ctgacctaatt gattaatgcc aaatatacca caagcttggg ttattctcat 360
ttctaccctt cccttcttcc ctgattaatt ttacgaaatt tatagggacc acttcactaa 420
tagctcttct caatgttat 439

<210> 22037
<211> 136
<212> DNA
<213> Homo sapiens

<400> 22037
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tttaagttag tttttgttct tagataaccc acattagatg aatgtgttaa gtgaaatgat 120
acttgtactc ccccta 136

<210> 22038
<211> 101
<212> DNA
<213> Homo sapiens

<400> 22038
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gactgtcttc tctccgcacc cactcccccg cccccgcttg a 101

<210> 22039
<211> 224
<212> DNA
<213> Homo sapiens

<400> 22039
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ggtagggatca gctgggttga ctgccgttac ttaccccatc aaggagatta aactagggga 120
ctttcaagca aggggaataa cctgatcagc tgtttatgtt agcagaacat ctccagcagc 180

agctgggatg atgaagcatc ttctcttggc aaagaagaac acct 224

<210> 22040
<211> 351
<212> DNA
<213> Homo sapiens

<400> 22040
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tttttggaat tattcctgga ctattcagta gccactcaga tgccactgtg tgaaagggcc 120
ataaatgttg cctgctgctt gaacatctat ttttttctct tccagtgtt gataactctg 180
ggagataata cactgcagtc gtactagtgg ttaagatatt tgggaataaa attaatactt 240
ttgactagaa gcgtctaagg ataaaccaac agaaattgaa tctggataca tctttaagat 300
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<210> 22041
<211> 90
<212> DNA
<213> Homo sapiens

<400> 22041
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actggtgtag tttttaaaat tgagcactac 90

<210> 22042
<211> 405
<212> DNA
<213> Homo sapiens

<400> 22042
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ctgatgtca taacagctgt gtgaaataag cagtattatc tgtcttaca ttgagaaatc 180
taaaattcag ttaagtaatt tccccaaagt catagtgtgata ttgaatgaaa cagcccaagt 240
ttttactaca aatcccatat tgttttcaac tttcaatcat ggttcatgat cctgctgctg 300
acagttgata ataaaagtat cctattataa aaacagaatg aaaatatata aagtgtctatt 360
gtgatatgag agttttcatc atatgaagca taaagaagca aaggr 405

<210> 22043
<211> 192
<212> DNA
<213> Homo sapiens

<400> 22043
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tcttgccagt ggttgctcct gtaacctact gtggccattg tgggctgaca gccatattgt 120
gagggattag gtagctctct aggcattgac aagaaccttt gaattttaga aaatatccaa 180
aaaaaaaaaa aa 192

<210> 22044
<211> 305
<212> DNA
<213> Homo sapiens

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 atcccaaaga atttttttaa agtgaacaca tctgtataaa cgcccccaag ataagaaaaa 240
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 ccgtt 305

<210> 22045
 <211> 220
 <212> DNA
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 ggctgcgagg ccgctgcctc cccagcaggc cattataact acattcttag aatgtgatcc 180
 ctttcaacat ttctgcacc tctgcttctg cacactacca 220

<210> 22046
 <211> 176
 <212> DNA
 <213> Homo sapiens

<400> 22046
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 cattttaaga ttcacttata ttattgcctg gattgggtgg tctttctttt tttttt 176

<210> 22047
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 <212> DNA
 <213> Homo sapiens

<400> 22047
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 tttgtaatct ttgttatata agaggatgtt taggctgtat atactggggg agattattgc 420
 ctgcccccta tacataggaa tatgctgcat 450

<210> 22048
 <211> 152
 <212> DNA
 <213> Homo sapiens

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 agcgaagaca ggaggggtgg cccaagaccc cc 152

<210> 22049
<211> 461
<212> DNA
<213> Homo sapiens

<400> 22049
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ctcttcggat ggaaggggat tagtggcatg gggatgtgt gtgtttcata gaacagaagt 420
ggcatatgca gaagagaaag gctacaaaac atcatttagt a 461

<210> 22050
<211> 175
<212> DNA
<213> Homo sapiens

<400> 22050
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aattataatt ttgattttta atgggtcacc atgtatttat ttgttgccaa gcacc 175

<210> 22051
<211> 116
<212> DNA
<213> Homo sapiens

<400> 22051
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<211> 498
<212> DNA
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<400> 22052
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cctgcccac cagatggagg gaccagcaag aacagagaca ggaaggggaa aatggatgtg 120
accaactcag ctgaaaagta agggctttat cggataggga cagacgaggt aaggaaggtt 180
gtttaatgag aggccttgcg tgccagccta agctttttaa tttgatgcca gtggcaacaa 240
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gtgtagagat tccagactgg ggcataaggga tgaaaaccta aaggatacct tcttttgga 360
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<210> 22053
<211> 243
<212> DNA
<213> Homo sapiens

<400> 22053
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cgccttagcc tctcccaagt atctggaact acaggtgcgt gccaccatct ctggctagtt 180
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ccc 243

<210> 22054
<211> 179
<212> DNA
<213> Homo sapiens

<400> 22054
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cccctgggat ggggtgggcct ccagggtgcac ccatttgacc tgaaccctcc cgcctctgcc 120
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<210> 22055
<211> 76
<212> DNA
<213> Homo sapiens

<400> 22055
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gtagacttag gacggc 76

<210> 22056
<211> 158
<212> DNA
<213> Homo sapiens

<400> 22056
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aggattaatt taaactttac aatttacatc aatattttga atatctgatt ttttttaatg 120
ggagaattat tacatttcgc tgaaatgagg acgagggg 158

<210> 22057
<211> 294
<212> DNA
<213> Homo sapiens

<400> 22057
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tgaataaaac tagactagcc agccttctat tattatctaa tctattaggt agttcagagt 180
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<210> 22058
<211> 102
<212> DNA
<213> Homo sapiens

<400> 22058
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ggccaggctg gtcttgaact cctgacctcg tgaaccgccc ac 102

<210> 22059
<211> 214
<212> DNA
<213> Homo sapiens

<400> 22059
atacatttgt gggtcgcact ctttttgttg ggcagcactg gtctagatca ggagttggta 60
aactatggcc tatgggcat atccatattg ctgcctgttt ggggatggcc tgagagtaag 120
ggtgattttt atagatgaac atttacaatt gattcagtca aatggaacac taactttgaa 180
tcccagttaa gtgaaatgtt ttctcaaccc ccaa 214

<210> 22060
<211> 266
<212> DNA
<213> Homo sapiens

<400> 22060
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ggaggagaga ctgcctcaga caactggggg gctggaaagc cgacctggaa agcagcctga 120
ccttgatga tttagcacct ggggtttttg gctcttctg tattaggttt gctggcttcg 180
catcaagtgg aaggaggtgg tgccaggagc gtgaattaaa cctgtcaa at agagggtgag 240
gggagtrcag aaggctgggg gggcaa 266

<210> 22061
<211> 110
<212> DNA
<213> Homo sapiens

<400> 22061
gtttttcaac aagactttga atacggtgat tccacttgct gtatttcaca gcaggctacg 60
catggggaag tccgatggg gtcaaggagc agtcaagcca ggaggtgttc 110

<210> 22062
<211> 116
<212> DNA
<213> Homo sapiens

<400> 22062
tgaaatcata cagtatgcc ctttttcaga tsggcttctt tcaacttagta ttatgcattt 60
aaatttattc catgtatttt catgtcttga tagctctttt tktttttttt tttttt 116

<210> 22063
<211> 54
<212> DNA
<213> Homo sapiens

<400> 22063
agagaaggga aggccagtag tcattcttcta ccttgatttt tttttttttt tttt 54

<210> 22064

051960

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<210> 22065
<211> 182
<212> DNA
<213> Homo sapiens
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<210> 22066
<211> 396
<212> DNA
<213> Homo sapiens
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<210> 22067
<211> 138
<212> DNA
<213> Homo sapiens
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<210> 22068
<211> 184
<212> DNA
<213> Homo sapiens
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7085

<210> 22069
<211> 157
<212> DNA
<213> Homo sapiens

<400> 22069
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gtggtgcaat cttggttcac tgcaacctcc acctcctggg ttcaagcaat tcctcgtgcc 120
tvagcctcct gagtagctgg gattccaggg acgtgct 157

<210> 22070
<211> 185
<212> DNA
<213> Homo sapiens

<400> 22070
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gtgggaagtt tcaagatgcc ttggagccat tgctcagctg gttggcagat accgaggagc 120
tcatagccaa tcagaaacct ccattctgctg agtataaagt ggtgaaagca cagatccaag 180
aactg 185

<210> 22071
<211> 157
<212> DNA
<213> Homo sapiens

<400> 22071
tgaatactgc tactactggc cagtgatgaa agccatttgc acagagctct gccttctgtg 60
gttttccctt cttcatccta cagagtaaag tgtagtctt atttatacat ttttcaagat 120
acaagtttat gagagaaata gtattataac cccagaa 157

<210> 22072
<211> 281
<212> DNA
<213> Homo sapiens

<400> 22072
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ttaaaacttt caggtgcctg tagagtcata ataactgtat tttatgcctt gcattcacgc 120
aaattcacat tggatgtgat ttaaaagtag acattctctt tttcctctt taggatatgt 180
ttgattactg gaaaattaat atggttattt gttagaagtc tggtttataa aaaagccaaa 240
agtgatggaa tttattccat ttgtcttagg aaggcccgat a 281

<210> 22073
<211> 57
<212> DNA
<213> Homo sapiens

<400> 22073
gaagttacaa atcaataatc taggctccca cctcaagaac ctaaaaaaaa aaaaaaa 57

<210> 22074
<211> 343

<212> DNA

<213> Homo sapiens

<400> 22074

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ttattatgtg	gtgcatgact	gtacactaac	aagtcaagtg	acctcttagg	acttagtcta	120
ttaatctaaa	ggatgagaag	tacattctaa	catcaggtgt	cttttctcga	gcacaatcaa	180
attttcattt	tccaatctc	ttataatgac	tcatgaccgg	gtgaaggagg	aatcagtgca	240
aattgcttgt	tgggatggaa	acaggtgcta	gaagtgagga	aaaagcaatg	ttcaaacgca	300
aaggaagggg	ggaggaggaa	aggtgtggag	ttgccacagg	gac		343

<210> 22075

<211> 422

<212> DNA

<213> Homo sapiens

<400> 22075

tttctgctgt	ttgggtcagtt	cctcccctcc	tgtyaagcca	cagttgtctc	tttagttcct	60
ctactgaatt	tcgtttggca	tcagaagatt	taaagattag	ctattagtcc	tagtgggtgg	120
tcaaataaat	acctggcca	ccatcccagg	cttaaaagaa	atgctcttgg	gatgatatta	180
gcccactgct	ttataagaag	ctgcctatcc	ccaaaagtca	aggccccaca	gttactgat	240
acattcaata	ccatgaaaac	ggtgccatgg	tgggtggttt	ctgggtgatgc	acaaggctgt	300
toggatcacc	cactccttca	ctgaatgttc	ttggttatgc	acaatgataa	taatcagtgt	360
cattaaagga	ttcaacttaa	gcattaataa	tggaccactt	ctgtgtacct	tagtagttta	420
ca						422

<210> 22076

<211> 278

<212> DNA

<213> Homo sapiens

<400> 22076

tgatatacaa	aaaataattc	cttgagtttt	tatgttggtc	tctttgttat	agtgcctcaa	60
ttcaagatat	atgtgtatgt	ttgcaagtgt	acacgttttc	taataagggt	gaagatgtag	120
aaattgaaaa	gattattcct	gctatggaga	tttacttttt	taaagagcaa	taatcaagga	180
attaaaataa	acatgaagtg	taaaatgctt	aggttactca	tgtttttcct	caagagaaga	240
aatgctcatg	tttttccttg	aggaaaaaaaa	aaaaaaaa			278

<210> 22077

<211> 347

<212> DNA

<213> Homo sapiens

<400> 22077

attccagctc	tcgcgcccga	cgaggtggat	ttggctgtcc	accgagctcc	ggcgctgtc	60
gttctaattg	ggtttggatt	tgacccgtta	aggagggggg	aagagaagga	agaggcgggc	120
gaggaaggcg	agtcacagta	gcggctgttg	cggggaccgt	agccccagct	gcagctccga	180
agaatcccc	gccacggttt	cggtggagcg	tctgggcacg	ggatggagts	aaagagcgag	240
tgccctctca	agcgggggtg	ggagggggtc	aggctgtgca	gaggagagag	acagcgagaa	300
gaagccgcgg	ctggctactg	cgaatttggg	attcgattgg	gaggatt		347

<210> 22078

<211> 111

<212> DNA

U.S. DEPT. OF JUSTICE

agatgcggtt gagtcctttt cctggaagtc ggtcagctga aaaacaatgt aaattcccg 60
ttttgaagac ttattgctct caaatctgat ggctttttaa cggagggggca t 111

<213> Homo sapiens

caagagcatc aggtgaaatg taaaagatag ataagctttg atgtaaagca gaggtattgg 60
ggttgaaggg aaggatagat tagaaggctt atttaaaaag agatatcatc aggacgac 118

<213> Homo sapiens

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aaatttgata gttgatttaa cataggccaa atgacttgca gtgaaagaag aaaaataaca      60
ctttaattat tacctctttc tcaaaatgaa ttgatttttg tcattgtaga tctgtgcttt      120
aaacaaatga gtagtgttta gaaagatactt ttacaagaqc c                          161

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<213> Homo sapiens

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ggcagagata attattctga aaaactcagg ggcagaaata ttaagtgacc tgcccaaggt      60
caccaagaat ggggataaga acccagggtt tgtgaacacc cagtccagta ctccctactac    120
cttttctga tatccttagg agcgggatcc atgggaaggg acctcagacc cctagtgggt      180
tagcaaaaacc ccggca                                     196
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<213> Homo sapiens

tatttaggtg	gataactgaa	acggaaaagc	agtttgacac	aaatacacag	aaagaggaat	60
tcggtgtcat	aatcaatcgt	ctgagtccca	taactgtaac	actttttctc	ttataaattg	120
gtagttccta	aaaatcacca	ctttaaaaat	tttattctgt	cttgctgaat	taagcagaaa	180
tcactttttt	tagagccttg	tttaaaggaa	cgttaaactcg	agagtactac	tgatgatgac	240
gcttctcttg	tttttaaagt	atttacacat	cattgttaag	tatttttggg	atggaacatt	300
ttaaagtttt	ctccatagaa	agcaacatag	tggcacttgt	tgagtaaattg	atcataaaaa	360
tgacttgctt	ttaatagcag	atgagttgat	agttaactgt	tgacactttc	ttaatgtttt	420
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<212> DNA

SECRET

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gtgggccgag gttccggcgc ggctgctggc cggcggtga gccgggagaa aggagctgcg      60
gccaccgttc gccctacttc tgcgcctcgg ggcggggcgc ccggtaaaaa tggcgaaatg      120
ggggtt                                     126
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<213> Homo sapiens

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aatttgcgag ctgcatgcat ctcccaggagg aaaagggtct tctccgagac agctcagagg      60
gccactaacc aggtggagaa acgaaaccag aggaaggatg ggaaggactg atccacattc      120
ccaccaggaa gtttagcaga acccccat                                     147
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<213> Homo sapiens

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tcagcgtggg	ccgcgggtag	ggggtagtgg	ggtggctggg	tttgggcttt	ccagagaagg	120
tgacgtgcc	tgagctgagc	ttaaagcacg	cccaggagt	agactaggag	agggtcgtgt	180
gggggaaaga	agggcgctct	gggcatcgg	aaattcccg	agaggatgga	gagctcagt	240
atctccagaa	adtqaaaag	acgagga				268

<213> Homo sapiens

tccgaatgaa	ccttatgatg	tgtatatattga	gatgtactca	gtgtgatttt	aaaccaaatt	60
gtcttcctgt	agtcacaata	tatactgtag	ccttttaaca	gcaagtcttg	ctttcccaaa	120
cagaaagcca	tctctgaaatc	ctacagtatc	acaggtgaga	aaagggtggt	atTTTTTccc	180
caagacaaca	gcactagtaa	tcccacttaa	taagagctta	tttaattgga	gtgcagcctc	240
ttaactgtcta	agccaca					257

<213> Homo sapiens

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tttctatcct ttgaagttta ttcacatttg tgaaaaatgt cctaacatac tgggtatcct      120
tgagaatatt ctgtatgcac ttgaggac                                     148
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<212> DNA

<213> Homo sapiens

<400> 22088

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gttctaatag	cagttccaat	gatttgcaga	tttgaggaag	taaattat	tcttacagt	180
tccataaaag	taacaatgaa	actatatacct	accataataa	tcctctatag	gtaataaatt	240
atttgcattt	tataggagag	aaaaatatat	gtbaaagttt	ttgaacagtc	acacaggcag	300
gccc						304

<210> 22089

<211> 409

<212> DNA

<213> Homo sapiens

<400> 22089

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tcagagcctg	aacatgcgtg	ctggggggca	tgggagccgg	gaaggaggca	ttatgcaaac	120
ccgggagcca	cagttacaac	aacggcatct	gtccgagtgc	agagcaggga	gccaccatgg	180
gctctgtgtg	caggcagggc	tggcgtgggc	tgtggccagc	cttggccgga	agctctgcct	240
gaggggaagc	cacactcgag	cacccatctg	acgggactgc	acatgtgaag	cctactccag	300
aagggacctc	agtcacacctg	gcactgcca	gcaggcatgg	ggaaagggtc	ttgcttggat	360
gggtgcattt	gctgggcacc	tcttgccacc	ccatcatcac	caccagagt		409

<210> 22090

<211> 372

<212> DNA

<213> Homo sapiens

<400> 22090

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acagtacaga	aaattctatc	aaacctcaga	atatagtaga	aataattaag	ctgttgaatg	120
agtcttaaaa	attatactac	tgttaagtgg	accaagtttg	gtgaagcaga	atgtgacaaa	180
ggttgattaa	ggaaggaaca	actcaaggac	attgggaatg	ataacttttc	cacttgagaa	240
ctactttatg	ttttactgta	atttttaaag	ttttttgtgc	ctttttgtta	ttttgcaaaa	300
gaaaatagta	tttacagggtg	gcttctttta	aaatataaaa	atataaagca	ggaatgtata	360
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<210> 22091

<211> 446

<212> DNA

<213> Homo sapiens

<400> 22091

acagaggcaa	cggctagggg	agcggagggtt	caagccacat	gtctgcgtcc	tcggggggcca	60
gagcccgcca	gcccctcgcg	atcccggctc	gcggccagcc	cgagcggctc	gggttttaaa	120
aatcaatttg	attggccaca	ggaaacgtat	tttggcatct	ctgggagaca	ggctgcacga	180
cgatccccc	cagaagcccc	ctcgggtccat	caccctcagg	gaaccagtg	gtaatcacac	240
tcctcctcag	ttgtctccat	cacttagcca	aagcacttac	accactgggtg	gctccctaga	300
cgttcctcac	attatcatgc	agggcgatgc	aaggaggaga	agaaatgaaa	actactttga	360
tgatattccc	cgatcaaaac	tggagaggca	gatggctcag	tcgtctgtct	gtgaaatatg	420
gacgaatcag	aacgcaggaw	ttcctt				446

<210> 22092

<211> 273
<212> DNA
<213> Homo sapiens

<400> 22092
actccagtct cctgggactt tgactcgccg tactcgggcg gctcctgctg agggtcgccg 60
gagatgtcgc tcggccgcct tctaccagga gcctgatccg tgccgcccgc cgcccggatg 120
ggaccaccag agtgctctaa agtctccagt gaatattgaa ttgctgagga ttttgggaaa 180
agacaaatca aagttcccat tccatggatc ccttaggtgc accttcccag tttgtggatg 240
tggatacact accaagctgg ggtgactcat gcc 273

<210> 22093
<211> 254
<212> DNA
<213> Homo sapiens

<400> 22093
ccaaatgctg ggcagccacc agcccactgt caaaagcatt atgagctggg ctccctgctac 60
tgcccttcca cctctgaggg gcagtcctga ggtctggaat cagacttcct gggttcccat 120
cccagctccg tgactgcgag tcactttgtt attctctttg tgccctccatg tacctttgcc 180
tcctaggttt catagtataa gtaattagtt ctccagagtgc ccccaagacc ctttccgggg 240
tctgtgaagt caaa 254

<210> 22094
<211> 194
<212> DNA
<213> Homo sapiens

<400> 22094
cttttcagcg cattcatttg aggagacaca gtggcacaga ggttaagagc aaaagggtact 60
cagtttagact acctagattg caaccttagt ttcaatagct actaactgcg tgatcttgag 120
gaagttactt ctctgggcat cagttttctc atctgtaaaa tgggaatgat attagtaaca 180
caaatgact gcta 194

<210> 22095
<211> 297
<212> DNA
<213> Homo sapiens

<400> 22095
taagaaatcc tcttattgtc atttaaata gaagcatccaga tggagcattt ttaggcccac 60
ctatctctgt tgtttagact ccattttctg tgtattactg aaaatgatac attattctca 120
tttaaacaaa atggcaaatc aaagtgagtg gttgatgtca gcaagactga cagaatagga 180
agtgggaagg agtggattag tttttcactg ttaccttatg actttgagtt ttaacaacag 240
aaagagcttg gaggtttttt ttaaactctag tgtttagaaa acttgaatat agtggag 297

<210> 22096
<211> 412
<212> DNA
<213> Homo sapiens

<400> 22096
ctkaattatt cgagtaactt atcaccactt gcmstgactt gcaatggcat agtgtttctg 60
ctttttaata ctctggcaat tgccttaag aaactaacac agtgatttgt ttcactgttg 120

aacctacttg	agtgaaattg	ctatcttcta	gggttcagca	cacattacct	gcttcctgga	180
ttacctagct	attcctggaa	caatttgaca	ttaatgagct	tattactatc	atgttttgct	240
gtwgtwgtct	ccaatttttc	attcaaataa	aaattttaatt	aacttttctg	ctttccatag	300
atgtagtctt	gaaaacatta	aatctcatgt	tagctaagcc	tgattcagac	tttttctctt	360
actatactgc	ctaaggctct	atttttctta	ggatacttat	ycaataaaga	at	412

<210> 22097
 <211> 213
 <212> DNA
 <213> Homo sapiens

<400> 22097						
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cctgtagtcc	cagttactca	ggaggctgag	gtgcgaggat	cctttgagcc	caggagtttt	120
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ttactataaa	gctacaatag	ttacaacgat	tgc			213

<210> 22098
 <211> 374
 <212> DNA
 <213> Homo sapiens

<400> 22098						
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tcagcttttg	tgggatacta	ttgcttcctt	aaaacaatgt	gaacaagcta	tgcaacatgc	120
atttattccg	gccaaagtgc	ctccaagctg	ggctgtgtgc	acgaaccccc	cgttcagccc	180
gaccgctgcg	cettatccgg	taactatcgt	cttgagtcca	acccggtaag	acacgactta	240
tcgccactgg	cagcagccac	tggtaacagg	attagcagag	cgagggtatg	aggcgggtgct	300
acagagttct	tgaagtgggtg	gcctaactac	ggctacacta	gaagaacagt	atttgggtatc	360
tgcgctctgc	tgaa					374

<210> 22099
 <211> 366
 <212> DNA
 <213> Homo sapiens

<400> 22099						
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tccatggaga	aatatcttaa	actccagctc	acctcttggc	ttctttcagg	aatgcttatt	120
tgacctgaat	taaaatgatg	acttttcatc	tctcaatctg	aagcataaat	aaagtaggaa	180
ttttgcatta	ggattgtggt	ttttaaataa	tcataaaaact	catattcaag	tacttccttg	240
aggcctctaa	actaacacat	tttggattgc	tataaaaaata	gaatcagctt	tcctttgcta	300
acatggatag	gtattttatat	atcaatttta	tagaggactg	actgtactgt	aactttggaa	360
acacca						366

<210> 22100
 <211> 507
 <212> DNA
 <213> Homo sapiens

<400> 22100						
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tatcaacttg	cagattctac	taaaggaatg	tttccaaaat	gctgtatcca	cacaaagggt	120
caactctgtt	aattgaggac	atacagcaca	aagaagtttc	tgagaatgct	tctgtctagg	180

ttttatatga	agatatcccg	tttccaaaga	aattctcaaa	tgtatccaaa	tatctacttc	240
cagattctac	aaaaacactg	tttcaaaacg	gctctgtcaa	aagtaagggt	caactctggt	300
acttgagtac	acacatcaca	cggaagcttc	tgagaatgct	tctgtctggt	ttttaggaga	360
agatatttcc	tttttcaaca	taggcctcaa	agcgtgcaa	atgtccactt	ccaaatatta	420
caaaaagagt	gtttcaacct	gctgtatgaa	gggaagtgtt	caactctatg	agtkgaatgc	480
aaacatcaca	gagaagttct	gagaatt				507

<210> 22101
 <211> 124
 <212> DNA
 <213> Homo sapiens

<400> 22101						
atgacgcccc	ggctggtgtg	tgtcgggtgtg	tatgtgtgtg	tgtgagtgtg	cgcgctccga	60
gtgtgtgtgt	atttgtgtat	cggcgggtccc	gcagggtccc	gatgttgctg	acagtatgag	120
gcga						124

<210> 22102
 <211> 192
 <212> DNA
 <213> Homo sapiens

<400> 22102						
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cttgtgtttg	ctcaaaccaa	ttcttggtgc	aaaggggcat	ccatgatgcc	tttgtaaaag	120
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ctcagggcc	ca					192

<210> 22103
 <211> 507
 <212> DNA
 <213> Homo sapiens

<400> 22103						
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ccttagaact	acaaataacc	agatccagca	ctgtgccctt	ttctttttat	agataaggga	180
actgagacct	agataatata	aacctacgaa	gtgtacacta	gaaccttctg	ttacttcttt	240
atctaccaca	gggcaaactg	taagtaaaca	attaaaataa	ctgattcaat	ttgtgaatca	300
gctctcttga	aatgatatag	ttgctcatgt	yagatctttt	gtgataacaa	tgattgaagt	360
ccaaaggtaa	ttgttttaaa	aattgtcata	agaattaggc	agaacgggta	gcctcatata	420
ccaagggtg	agtaaaagag	agtngawatt	atgaatkatt	yttcttctat	aatagaaatc	480
tgttatgata	gtyattactc	actkatt				507

<210> 22104
 <211> 287
 <212> DNA
 <213> Homo sapiens

<400> 22104						
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aaaatgtgag	ctatctttta	aataaaactgt	cagctctgaa	cctgtcagct	ctcatcagca	120
agacaagata	aagttcattt	tgctatagtt	tgatatttca	cataggatgt	tctgtttttt	180
cttctttttt	aaatttgaga	tataattttac	acagcatagc	attcaccctt	ttaaaatgtc	240

caactcactg gtttttagtg tattcacaaa tacttgcaac catcacc 287

<210> 22105
<211> 143
<212> DNA
<213> Homo sapiens

<400> 22105
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tccccggcg cgcacacgaa ccc 143

<210> 22106
<211> 109
<212> DNA
<213> Homo sapiens

<400> 22106
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aaaatggtaa tctggaagg tggtttatgg caaattcatt aggcactca 109

<210> 22107
<211> 335
<212> DNA
<213> Homo sapiens

<400> 22107
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tctttctctt atctgattgc tctggctaga acttccgtat tatgttgaat aaaagtgggtg 120
aaagtgggag tctttgtctt gttccagttc tcgggggaat gctttcaact ttttccatt 180
cagtataatg ttgactatgg gtttgtcata gatggctttt attaccttaa ggtgtgcctc 240
ttctgtgtca atattgctga gggttttaat cataaaggga tgctgggttt tgtcaaactgc 300
cttttctgca tctattgaga tgatcacgtg gggag 335

<210> 22108
<211> 112
<212> DNA
<213> Homo sapiens

<400> 22108
cgcgctccct mmmgcctcct tcccaagggc gcccttcttc tgccccagc tcacgtctga 60
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<210> 22109
<211> 290
<212> DNA
<213> Homo sapiens

<400> 22109
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tatcaaatg gcattcaatt tctgtagcag atcagaagcc actgaaacag agaggccacc 180
agtagcttaa tcagtgttgg ttccaggcta ttgctttgca gttgattaat tattgtgttg 240
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<210> 22110

<211> 180

<212> DNA

<213> Homo sapiens

<400> 22110

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aggagtaggg cttgggctca ggtggagtca ttgatgctga gagattgtga agaataact	120
gacagcatcc ttgtagctgc atcacagtaa atcggacttc tgaatcaagc agcccagccc	180

<210> 22111

<211> 122

<212> DNA

<213> Homo sapiens

<400> 22111

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tatgggagct acaagttgag atttgggtgg ggacacagag ctaaaccata tcaagggcca	120
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<210> 22112

<211> 135

<212> DNA

<213> Homo sapiens

<400> 22112

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ggaggatgag gtgagcagat ggcttgagcc caggagtttg agaccagcct gggcaacatg	120
acaaaactcc gtcac	135

<210> 22113

<211> 332

<212> DNA

<213> Homo sapiens

<400> 22113

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gacaaaaatt aaccaaagct taaactatgt taagacatag tgctaggatg gctttatgaa	120
atctaattat ttgaaagttg gattatgtac atttaatttt tcaactgtca gaaaacagga	180
tttatttttag ccagatatgt cattgcaatc tgaataagca ggaattttct atgcctatta	240
aatggattat ttctagaagg cacaaattca gatggttaat tttgaattat cccaagaaga	300
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<210> 22114

<211> 430

<212> DNA

<213> Homo sapiens

<400> 22114

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gccccagcct cccgagtagc tgggattaca ggtgcacgcc accatggctg gctaattttt	180
gtatttttag tagagatggg gtttcacccat attggtcagg ctgatctgga actcctgacc	240

tacaaggaga	gaccctgcct	ttaccaaaaa	taaaaaaatc	tgctgggtgt	ggtggcacat	300
gcctgtaatc	ccagctactt	gggaggctga	ggcaggwgaa	ttgsttgaac	ctgggaggca	360
gaggttgcag	tnagccaaga	ttgtgtcatt	gcactccagc	ctgggcaact	agagcaaaac	420
tcctatctca						430

<210> 22115
 <211> 198
 <212> DNA
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<400> 22115						
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aaaagttttg	tgctttttta	aattttgttt	ggtaattatc	acattttttt	ctcttacctt	120
cctttaaatg	gccacaatgt	gtactgctgg	aatgttccat	ccaaaagatg	tagcttcaga	180
agcacagtga	ttgcccca					198

<210> 22116
 <211> 173
 <212> DNA
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<400> 22116						
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<210> 22117
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 <212> DNA
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<400> 22117						
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ggccttgatt	ttcttagttg	agcagatgaa	agatagaagt	gcatggttag	gcaaaatgag	180
aaagaaaatc	aaaggtagaa	taattagatg	gatgcatagc	tggttagata	gatgggag	238

<210> 22118
 <211> 211
 <212> DNA
 <213> Homo sapiens

<400> 22118						
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aacattaagt	agagtgtagg	ctttaagttt	cttctcatg	ggtatgaaaa	ttttctaata	180
aacattagat	attttcttgt	ttagcacctc	t			211

<210> 22119
 <211> 296
 <212> DNA
 <213> Homo sapiens

<400> 22119

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ctgagttgta	gacaatgagg	aaacacttga	ggcttctgct	gtgtgttctt	ttgttattgt	120
tggttattgtt	gttactcagt	aacttgaata	ttttttaatg	tggttgaaga	cgtagagttt	180
atctcaagct	gttaaaaatg	gtaatgtaca	aatgtgaata	gacacttata	tatataatat	240
gggtaagttt	tgtttcgcct	ataatagatg	tttataaaaa	caagtgaggg	gactga	296

<210> 22120
 <211> 133
 <212> DNA
 <213> Homo sapiens

<400> 22120	
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acaaaattaa	cataaagtat
ccagttcatc	ttcaaatatt
ctcactcgtc	tcaaaaatct
ttttgtgatg	tgttcaaatt
gggatccgat	cat
	60
	120
	133

<210> 22121
 <211> 161
 <212> DNA
 <213> Homo sapiens

<400> 22121	
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tattcttaac	ccaaatctgg
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ataatgtcat	tttgtcatta
atgtgcattt	aattgatcga
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tcaattttat	atttgcaatt
ttagctatta	ttcggggcgg
a	
	60
	120
	161

<210> 22122
 <211> 435
 <212> DNA
 <213> Homo sapiens

<400> 22122	
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tggtgttctag	aaattctttc
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tttttaaaag	aacattcagg
gactcttaga	atcttagagt
ggaagggacc	tttgagatca
tctaccagtg	cttctcacc
cttagcatgc	agcaaaatca
ctcagatact	tacttattat
tcacatttct	tgaccccagc
actagaaatc	tgggaggata
tctgcatttt	taacaagtgc
cctagtgtat	ctaagtctga
tggtgctcag	atcgctcttg
gagaaccctt	gattttatcc
aactcccaca	tatgacaaat
gaggaaagcc	tccaaccctt
aagctctgtc	aggtgacctg
attccaatgt	atgataccaa
caatcttatg	aaggctggag
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ttgagtagat	gatgc
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	180
	240
	300
	360
	420
	435

<210> 22123
 <211> 192
 <212> DNA
 <213> Homo sapiens

<400> 22123	
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taattttttg	tatttttagt
agagacgggg	tttcaccgtg
ttagccagga	tggtctcgat
ctcctgacct	cgatgatccg
ccgctcggc	ctcccaaagt
gctgggatta	caggcatgag
ccaccgcggc	ca
	60
	120
	180
	192

<210> 22124
 <211> 200

<212> DNA

<213> Homo sapiens

<400> 22124

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ctgtccccag	tgtctggcat	cgagtaggct	gccataaata	tctctggagt	gcatagtaac	120
agtgatgatg	ataatagcag	ctagccattg	attgaagacc	tcttgtgtgc	cggtctctgc	180
gttaaacatt	tctggaagca					200

<210> 22125

<211> 160

<212> DNA

<213> Homo sapiens

<400> 22125

aaatgttaaa	ttcgggttta	ttttagtaat	cactcaccta	ttgaagtaca	tcttggttgc	60
ttccaagtgt	tggcaactat	gaataaaaact	gcagtaaaca	tccatgtgca	ggtttttgtg	120
ctggcataag	ttcaactcct	ttgggtaaat	accaaggagc			160

<210> 22126

<211> 137

<212> DNA

<213> Homo sapiens

<400> 22126

aaagaaatca	tagacgacac	aaacaaatgg	aaasrcatcc	tatgttcatg	gatgagtaga	60
atcaatattg	tgaaaatgac	catactgcc	aaagcaatct	acaaattcaa	cacaattccc	120
attaaaatac	caatgtc					137

<210> 22127

<211> 145

<212> DNA

<213> Homo sapiens

<400> 22127

ttttcatttt	ccattattat	gtttgtaatg	tgcaattata	gataaacctt	tattttcttat	60
tgcataaaat	ttgggtgtgg	tttcaactcc	tgttctgtgc	gttgagggtg	gcagccctca	120
gccccttccc	cactagccag	ccctc				145

<210> 22128

<211> 344

<212> DNA

<213> Homo sapiens

<400> 22128

ccttctaatt	tcsttgtaag	tactgcttta	tmagcattcc	cccacatttt	gacacatatg	60
tcttcaattt	tattcaggtc	ataattttaa	ataatttccc	ttttgatttt	tttcttgacc	120
tctaagttaa	ttagaagttt	gttattgagt	ttccaaatat	ttggaaattt	taaagatatc	180
tctgttactg	atttataatt	tgattccatt	gtggtttagca	tactttttat	gatttgacat	240
cttgtaaatt	tattgagact	tgttttataa	tccaaatatt	ctctctttgg	taaatgtcct	300
aatgcactta	aaaataatat	atattctgct	attattgggt	gagt		344

<210> 22129

<211> 279

<212> DNA

<213> Homo sapiens

<400> 22129

acttttttagc	gtcttctgtt	ctgagttctt	ctgggttggtc	acctcctgct	tgctgaatgt	60
gggcactgca	ttaatagtag	acatgctgag	gacaagggga	atcagccagg	agccactgga	120
gatgttatca	tggcccccag	agacggaaga	tgaggatggg	acctgttttc	accacccacc	180
tccttccctt	tttcctcttg	ttaacttccc	aaataatttt	ataactttaa	atgattttat	240
caaactttga	tttccgggtt	ttattccatc	catccactt			279

<210> 22130

<211> 438

<212> DNA

<213> Homo sapiens

<400> 22130

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catctcccag	cttctacttt	tttttaagga	aaagtagatt	ttctttgtct	ttgtttttgt	120
tttaagcaag	aacagaatct	aatgactttt	ttcatgccat	cgctttgaaa	tagcgtcgtc	180
ttcctttctt	tctctccctc	ttcctggcaa	agtatatact	ggatttttat	tgcccttctg	240
ggtttttttc	cctacgtgta	tgggcccgtw	tgcttagcca	gtttattctt	tattttttta	300
ctggagtmat	tgccagtgat	ggaaacggtg	tttgcttctc	tttcagtcaa	gatctgcaca	360
aagtatagca	ttaggtggta	tttattgttt	tatgagtkct	amattcatct	ttccagcact	420
ctgaagttat	cagcaagt					438

<210> 22131

<211> 334

<212> DNA

<213> Homo sapiens

<400> 22131

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ttattaataa	aaatgttggt	ctccaccact	gactacaatg	atttccccat	ggattcattt	120
tcagaggagt	tactaaggcg	tactatatta	acctcttgcc	tccccttcat	ttattttttc	180
ccacttcttg	aaaagttccg	aagctgaaat	gatcaatatt	catacccata	tgccatttgg	240
gagtccttgt	gcaaagatga	gtattttttt	ttttatycca	agcttcttta	cctttcctga	300
gaycgatgcc	accttgctcag	cttctctgcc	tccs			334

<210> 22132

<211> 147

<212> DNA

<213> Homo sapiens

<400> 22132

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ttaggatttt	tttttaacaa	aggagt				147

<210> 22133

<211> 221

<212> DNA

<213> Homo sapiens

<400> 22133

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gtgtaagtga	aatatacagt	ttccccctatt	aaggggtttcc	aggttcccca	agaggcaagt	120
gttgctcttc	ttgtttgccc	tgttcatatt	tgtatcacc	agaacattta	ccacttgaaa	180
tatctccttc	actagactga	tacttattga	gggccgggca	t		221

<210> 22134
 <211> 58
 <212> DNA
 <213> Homo sapiens

<400> 22134	aagctatgag	ctatgaagtt	ttctggcttg	gatgggtcag	tgataatttc	aggggtaa	58
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<210> 22135
 <211> 399
 <212> DNA
 <213> Homo sapiens

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	aagcttctgc	attgtctttg	gtcctgggta	tgataagtaa	caactgtccgc	cagacgggat	120
	agtgatagac	cctatactgt	actgaacttc	aaaagatatt	tgtaagatgg	agagttgcca	180
	gtaagtagaa	tgctttcacc	ctacttcaat	attagtttaa	caactggaaa	gatctggctg	240
	cttaaatatt	aaacacatgt	bcaattatta	aacacttagg	attcttcttc	tgattattaa	300
	acctgtatgt	aaagaacatt	gggtgctaag	tgacgtcagc	ttgactggca	ccacaatctt	360
	cccatgttgt	ggatttcaaa	ttgtttctat	actgtctca			399

<210> 22136
 <211> 420
 <212> DNA
 <213> Homo sapiens

<400> 22136	ctatatctct	tcaggacagg	aactgtgttt	tactcttctt	tatgcccattg	tgacctagaa	60
	cgtattttgt	tcttaataag	tatttgtcca	caagtgaact	atcacacaga	aaaaggaatc	120
	tggatcagat	aggattaagt	ttatctacat	actacagaaa	aaccctaaaat	aacgatgttg	180
	aagagataga	gctgtacttt	tatgtgtaga	agtaccaaga	caggcaggca	gtccaggatt	240
	gggtgtggagg	ctccagaagt	tcctaggctc	tctccagctt	tctgcccac	ataactaagg	300
	tacagccctc	atcttcattt	ctctgaatga	ttattaagat	tacagcagts	atatcccagt	360
	tccaagctat	aggattgagg	aaaggaagaa	gggtacactt	tttcaagact	tcctgtgaca	420

<210> 22137
 <211> 337
 <212> DNA
 <213> Homo sapiens

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	gttgctcaat	tggaattgt	tctagcaaat	acagtctgaa	ttttaataga	aggggtacttc	120
	agatacctta	accttctttg	aatcagattt	ggaaatggac	atatataaaa	atgattgctc	180
	cttatattat	agatcacttg	tatgtgtatt	cagaaatgtt	gcagttctcc	cctcaacaca	240
	gctctccact	gtaactccat	gggtataatg	gttggtatct	aagaaggagg	tttcccataa	300
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<210> 22138

<211> 207

<212> DNA

<213> Homo sapiens

<400> 22138

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aaacaaaact	ttaaaaaaaaa	atgtgtgatc	cagctttctc	ttgccatcct	atgtgcatgc	120
cgtaagatca	gttgatatt	aaaccatcaa	taaagtttca	caagatttga	aaacaaagtt	180
tctgtagctt	cgatacctaa	gacccca				207

<210> 22139

<211> 150

<212> DNA

<213> Homo sapiens

<400> 22139

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gccccacccc	accattccct	ctaggcccag	accatcatca	tggccctggc	cattgatgtg	120
tatgggcttt	ctttccctca	tgcagccct				150

<210> 22140

<211> 230

<212> DNA

<213> Homo sapiens

<400> 22140

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agtaatcatg	ttgcccaatt	gaccctggta	gcattatgtg	gtagggtctt	ttcatcagct	120
cttggtttat	actggatgct	ctttgggttt	tgttgttgtt	gttttttaag	tgaggagtct	180
ttaattaatt	ttcctatcag	tcatecttct	gtccttaaca	aaccctgcc		230

<210> 22141

<211> 161

<212> DNA

<213> Homo sapiens

<400> 22141

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cctgagccct	ggcagggtctt	taagtgcgtt	tgtgcagccg	atttcaaggc	taagagagaa	120
agactgcctc	tgatccctga	aggaagaaaa	aaaaaaaaa	a		161

<210> 22142

<211> 191

<212> DNA

<213> Homo sapiens

<400> 22142

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tcctcaggcg	gccccacca	gggcacaccc	tactgtcctt	gtgcctsacg	ccccctctc	180
atcctgcacc	a					191

<210> 22143

<211> 328
<212> DNA
<213> Homo sapiens

<400> 22143
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taagcataat gcgttaaaga tgcaggagga tctgtcactt ctagttggag agataaaatg 120
gggtttcctg aaaacagggc aattaaacaa tttttttaa gtgacaattg aaccttgaaa 180
gaaaggtagt gcttttaaat atgtaattga agcaagaaca ttctaggcag tgggaacaat 240
ataataaagg tatcaacatt caggaattaa cgaactatgg cccttgggcc caatgcagcc 300
tgccgcttaa tttctaagta aagtctac 328

<210> 22144
<211> 287
<212> DNA
<213> Homo sapiens

<400> 22144
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agaagtgttt ataatatctt ctgatggtag tttgtatttc tgtgggatcg gtggtgatat 180
cccctttatc attttttatt gcatctattt gattcttctc tcttttcttt tttattagtt 240
ttcttagtag tctatctttt ttgttgatct tttcaaaaaa acagcgt 287

<210> 22145
<211> 212
<212> DNA
<213> Homo sapiens

<400> 22145
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tcctcagccc tcttgtaaac agacttctgg aaggctcact tcatcagttt gttatatact 120
ttcagactgt ctatctcttg tttagattca gcatggcacc gtacgttgaa tggactgtta 180
atagatgttt gctgaatgac tccaccacag ca 212

<210> 22146
<211> 199
<212> DNA
<213> Homo sapiens

<400> 22146
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caacattccc cagtgtggtg aaattggggg aaaatgtggt aaaatgtgat acgcacaaac 120
cctttgaaaa tagcataaca aacatgccct ttttctaaaa ttgataaatc ctaaagagga 180
agaaaagagc tgggacagt 199

<210> 22147
<211> 152
<212> DNA
<213> Homo sapiens

<400> 22147
cgtgtgttgc cattttgtct ggctgtggcc cctccttctc cctccagac ccctaccctt 60
tcccaaacc ttcggtattg ttcaaagaac cccctcccc aaggaagaac aaatatgatt 120

ctcctctccc aaataaaactc ctttaaccact ca

152

<210> 22148
<211> 356
<212> DNA
<213> Homo sapiens

<400> 22148
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ttgctaagga taatggcctc tagctccatc catgtccctg caaaggacat ggtctcaatt 120
tttttctttt atatttttgag atggagttta gctcttggtc cctagactgg agtgcagtgg 180
cgcaatctcg gctcaccgca gcctccacct cctgggttca aacggttctc ctgcctcagc 240
ctcatgagtg gctgggatag caggcatgca acatcatgcc tggctgattt tgtattttta 300
atagagatgg gggactttct ccatgttggt cagcctgggc tcgaactcct gaccgc 356

<210> 22149
<211> 155
<212> DNA
<213> Homo sapiens

<400> 22149
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ctagttaatc cttttttgcc tgttctttaa aaagcgtgat agataggcca acccactatg 120
agttttctgg tggcaaaagt acaagaaatc cctgt 155

<210> 22150
<211> 193
<212> DNA
<213> Homo sapiens

<400> 22150
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aagatctttt ggtgcattta aagtataagt taatttgagg aattaaacac acttacatac 120
acaaatgata taagatctac cttatagaac cagtkaaaat gctttcaggt gcaataaacc 180
ttcagtggca ccc 193

<210> 22151
<211> 310
<212> DNA
<213> Homo sapiens

<400> 22151
tkcacatcag taccttttga taaaakkaac tgattatgtg tatgggctgg tttctggacc 60
ctctattctg ttcatgaatt tttgtctaac ctaatttcaa tattgcactc tcttgatttt 120
tgtagtttta tagtaaatct tgaaatcagg tagtgtaagt cctctaactt tattcacgta 180
tgtnaaaact atttgccat tctagcttct tcgcatttct aaagaacttt ttaatctgca 240
ccaaaagaag taaaaagtct gcgtkaattt ttattgagat agcattggct taatagatca 300
gcctggaata 310

<210> 22152
<211> 156
<212> DNA
<213> Homo sapiens

<400> 22152
aagggttgtaa aatgtgatgt gtatgtgtat atactgtatg tgtacttttt aaaataggtg 60
tatgtcccaa ccctttttta tacaggtttg aattttaaata tacatgatat atacatatac 120
tttattgttc taaataaaga attttatgca ctctca 156

<210> 22153
<211> 215
<212> DNA
<213> Homo sapiens

<400> 22153
ccaggctgga gtgcagtgge gcaatctcgg ctactgcaa gctccacctc ccgggttcat 60
gccattctcc tacctcagcc tcccaagtag ctgggactac aggcacccac tgccacgcct 120
ggctaatttt tttgtgtttk tagtagagac ggggtttcac cgtgttagcc aggatggtct 180
cgatctcctg acctcgtgat catgactgcc tgcaa 215

<210> 22154
<211> 436
<212> DNA
<213> Homo sapiens

<400> 22154
atagccacgg taacggcggg gtggaaagct aaggcctttg aagacctggg accccgtagt 60
ttcgggagag ggtgaggggt gaatggtgct gaggtgcgak gagagggaag gacagtaaag 120
agcaggtggg caggaggggt tccgactcca gagacctgag cttttggggc gcgggtggga 180
gcgcggggga accctcaaga cggctttctt ttggcgactg agggtttttc tgccacagga 240
agctgggccc ggctgctgtg cctgggagga gggaaggagg aatgagaaa cggtgacggt 300
ccctgcccc cctcgccagg tgactgtccc acccatttag ttgaatgtag cggccagaga 360
ggcactcgcg gcagcccgtg cgggtgggac ctctcggtgt ccttcgggaa acaggaggag 420
caagtycgac tccagc 436

<210> 22155
<211> 310
<212> DNA
<213> Homo sapiens

<400> 22155
catcttgaia ccgctggatt tataatgtta atttgtgcaa atacttgttt aaaatataac 60
atacattaca taactataaa ataaatttga acactttaag cattacctgt ctatacataa 120
aaatctaaaa gaaaaaatca acgtgagtna gatagcattt gtgatgatct gaagaaatat 180
gtgacgttta tcagaattaa acatggctca aattaaacta acactagagt ttgttctcag 240
ttacgtgaia caccacaaat ccttcaagggt tgtccaaaat aagcagagtg cttactgtgt 300
gagcgcacct 310

<210> 22156
<211> 167
<212> DNA
<213> Homo sapiens

<400> 22156
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cttgtgatct gcctgcctcg gcctccaaa gtgctggaat tacagggtgtg agccaccgct 120
cctgcccttt tttttttwa aagaagaaaa tgcaataata tkacaac 167

<210> 22157
<211> 132
<212> DNA
<213> Homo sapiens

<400> 22157
cgcttcgtgc tmvcagggaa gcctctgcac gccctcccc gctgctctcg gtcgcctcct 60
cgccgccagc mgccccgggt gcatccccgc ttgctccgct ccacgcgacc cagattcctg 120
cbccgcnkcc aa 132

<210> 22158
<211> 161
<212> DNA
<213> Homo sapiens

<400> 22158
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gacccccctaa cagggccagg tcacatgcag ctgtgtgggc tgtgttaatg atcttgggtt 120
ttagcaggga aatgacacag tcaaattagt ttttttttt t 161

<210> 22159
<211> 391
<212> DNA
<213> Homo sapiens

<400> 22159
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gaaatgattg tctttaaatg ctgccaaagc agcctggcat ggtggcacat ctgtaatctc 180
agccttccaa atttctggga ttacaggcat gagccaccac atccaggctc atagttaggt 240
ttacattttt gattgctata cctgaaactc attttctctt ttcaatgaaa cagtcctctt 300
aatagcagtc acccagtttc acagtcctta ctgtaactgt ktykcctgta cctcctgtac 360
caagacatca aaatcgctg gatattatac a 391

<210> 22160
<211> 149
<212> DNA
<213> Homo sapiens

<400> 22160
gctttcaaca tacgaggtga acttttacct ttctccattt aatataaacc aaaatssgtc 60
ttttaaaaaa atgtttattt ttaactttta ttttagattc aggggtacat gtgcaggctt 120
gttatataga taaactcatg tcacagggg 149

<210> 22161
<211> 248
<212> DNA
<213> Homo sapiens

<400> 22161
tgacttgagt gggagggcat gtgccttccc tcacatcgtg ccagctccta acctgctcag 60
gccacttagt agctcatagg cagcttcgtg cttttctgcg cccacttgt tgcctttcac 120
ttaggctctc aaatagtaga gtattactgt caatgttttg gttactgcat ttttgaaatt 180
aatttaagaa agtcttaaca ctgacacttc ttaaccacta gccttccaac acacacacac 240

acacgctc 248

<210> 22162
<211> 388
<212> DNA
<213> Homo sapiens

<400> 22162
gagaaatcgt tttatgggtt gctcaggaga tagaattgac atgtcttggg attgttttgc 60
tgtgtagggg agakakwyaa gtcaagagta tacatcctgt ttctgacttg gcaactgggt 120
gggtcatggg tctgtttcct gagacagttg tctacagcca taccaccgta agcgccctaa 180
atctcatcag agacagttta tgcaaatgga gcttggggaa agagaggctg tggctggaga 240
cagagatttg ggcacatca acatataggt gtggggagca gagaaggctg aggaagaaag 300
caggaaacat ataaaaagga gagcaggga aggagccagt kagacaggaa aaacctagta 360
acgtggtgtg atgaagctag gggaggaa 388

<210> 22163
<211> 349
<212> DNA
<213> Homo sapiens

<400> 22163
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cgtcagaatc ctggagcctt ttaaaaaatg acgaagtgcc caatgtggaa atcatagatt 120
tcaaggaagg aacaagaaaa ttgatgaaac aagttcaaaa gaaaggtacc tgtgcctcat 180
cattcctaaa gaacactgat caatgatccc agaagtatgc catgttctct taattcatca 240
gagactgaaa gcaaaggaaa atcaagaaat gtcgatgatg catactaaga agaaaccacc 300
tgagatgaga ctgtkagatg ttcagagcaa acaaaaacaa aaacagaca 349

<210> 22164
<211> 162
<212> DNA
<213> Homo sapiens

<400> 22164
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agttagatag ttcagaatgt agcacttgcc ctataaatga atcagatttg ttctatttat 120
ataatattag aattaatata ttatcatgta agtggaatt at 162

<210> 22165
<211> 266
<212> DNA
<213> Homo sapiens

<400> 22165
atagtatgtc cccstcccca gatatagagg acagagaaaa cttcaagtgc ccacaagcag 60
aaataaacca aacacatcct ttctgttcct gaaggtcagg aaatctgcat ttcagttgaa 120
ggctgcagct gtctgctgtc ccactcttag agtctccttg cttcttgggg gcttccctcc 180
cctcaccgcg actcaagtga agcccatcta ttactacctt ctgaggctgg aaatggtgca 240
cgctgcaaac actgagcaac atgaca 266

<210> 22166
<211> 340
<212> DNA

<213> Homo sapiens

<400> 22166

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ttttccaagt	agtttctctc	agagaacaaa	aactatgtat	agtatgtgtg	tacatatgta	120
aatttatgta	acatattaac	atgttattat	gatatgtaac	atatcattat	gtattatgtt	180
aacaattata	atctataatt	ctatagatta	accctaagat	ttatTTTTcc	ctaccatctt	240
cccatgtgtg	cccaaataac	tgagtgtctg	ctttccccac	ctccccgtat	cacccaggct	300
ggtctcgagc	tcctggcctc	aagcaaacct	cctgccttat			340

<210> 22167

<211> 155

<212> DNA

<213> Homo sapiens

<400> 22167

taacatcaga	tgtgttcttc	tgTTTTatca	actacttact	cttccccacac	gcttagttct	60
aaatctaacc	tttccccccc	tcgaataggg	ggcaggggag	gatgaggaaa	cactggaaca	120
actgaacacc	cctgcccatt	ttctccaaga	gccca			155

<210> 22168

<211> 128

<212> DNA

<213> Homo sapiens

<400> 22168

tgtatTTTTa	gtagagatgg	gatttcacca	tgTTggccag	gatggtctcc	atctcttgac	60
ctggtgatcc	gtccgcctcg	gcctcccaaa	gtgctgggat	tacaggtgtg	agccaacgcg	120
cccgaagg						128

<210> 22169

<211> 142

<212> DNA

<213> Homo sapiens

<400> 22169

ttacttataa	tgaagtactt	gggaaagcgg	ttttcaagag	tataaatatc	ctgtattcta	60
atgatcatcc	tctaaacatt	ttatcattta	attaatcctc	cctgcctgtg	tctatwatta	120
yatacatatc	tctacgtgc	ca				142

<210> 22170

<211> 284

<212> DNA

<213> Homo sapiens

<400> 22170

caaatttggc	acggccctgt	ccaataggat	ccgcctgcag	gtgtctaaat	ctcctctgtg	60
gccaagga	aacctagacc	ctgtcgtgg	ccaagagggc	gtccttttga	cgctccagt	120
caaccccccg	cctggacttc	catccccgg	catcttctgg	atgagcagct	ccatggagcc	180
catcacccaa	gacaaacgtg	tctctcaggg	ccataacgga	gacctatact	tctccaacgt	240
gatgctgcag	gacatgcaga	ccgactacag	tkgtaacgcc	cgca		284

<210> 22171

<211> 146

<212> DNA

<213> Homo sapiens

<400> 22171

aattttaattc	tcataatgac	cctatgaggc	tcttttatta	tttccttatt	atagctgagg	60
aagatgagga	gatagagtta	agtaacaggt	ccaacgcctt	acctagaagt	agcagaaggg	120
gacctcaaac	ccaagaaccc	aagcac				146

<210> 22172

<211> 368

<212> DNA

<213> Homo sapiens

<400> 22172

caacctttta	aaaaatttga	aaattcatat	attttatatt	ttatctgatg	caaccgttcc	60
tattaatatt	taattcaa	gaaagtgtt	aaaatgaagt	ggcattttca	tattcaa	120
tactttaaat	gtattcatgc	ttgtcagtc	ctcaaataga	atctgtgaaa	aattctcata	180
aaatagatcc	taaattttgt	caaataaact	tggaaaataa	ttgcagaata	cttatttacc	240
acttcccata	catgatattag	cttaactaag	gtgccgatat	ctgtgtatga	tagcaagtta	300
ggtagtaggg	gggttggcat	ttatcttaag	gagccacagt	gacactaata	attgatcaga	360
aatagtca						368

<210> 22173

<211> 171

<212> DNA

<213> Homo sapiens

<400> 22173

aattttttgta	taagatgtaa	ggaagggatc	tagtttcagc	tttctgcgtg	tggctggcca	60
gttttcccag	caccgtttgt	tgaataggga	gtcctttccc	cattgcttgt	ttttgtcagg	120
tttgtcgggg	atcagatggt	tgtagatgtg	tggattatt	tccgagggct	c	171

<210> 22174

<211> 275

<212> DNA

<213> Homo sapiens

<400> 22174

ataaggctta	tgtaactttc	agcttgctat	gtgacagaag	tttaa	aatgtg	tatttaagta	60
cacagcttta	tgttcctctt	aaagctgtaa	agagaaaaga	ggacttttcc	tcatcaagag		120
agcttgggag	acaaagcata	catttaattt	ttttctttca	aaaaaggcaa	tgtgcacttt		180
cctctcctaa	attttatatg	ccctagcagt	tgcgaatgtt	gtgtccacct	tacaatttga		240
ttggaggctc	ccatacactg	aaactctcaa	tagaa				275

<210> 22175

<211> 147

<212> DNA

<213> Homo sapiens

<400> 22175

gcagagtcgg	gcgtccgcgt	cctcccggcc	agctcgaccg	tcttctctat	tgggagtctc	60
tggtagtcag	gctggagtgc	ggtggtgtga	tcttggctca	ctgtaaactc	aagctcctga	120
actctacaca	acatattttg	tcagcca				147

<210> 22176

<211> 249

<212> DNA

<213> Homo sapiens

<400> 22176

tttagtagag atgggggtttc accctgtaaa gacatgactt tgaaggatag gaaagctaac	60
taaccagtca taagtgaata tcattgcagg gcttttttagc atatgggggt acttttttga	120
cttcctgtag gatgttcagt gttgtccaag taggtctcaa atagaacccc agtgaagtca	180
tattgtttcc ttttaattcct acttttgagg caatgcaggg tttctcttct tctttttttt	240
ttttttttt	249

<210> 22177

<211> 295

<212> DNA

<213> Homo sapiens

<400> 22177

tatacacaaat gtggtaatct gagtaagatc ctagaataga gaaaagacat taggtgaaaa	60
caagaaaatc tgaataacat atgaacttga gtttaataata atttattaat ctatctatct	120
atctatctat ctatctatct atctatctat ctatctatca agacagagtc ttgctctgtg	180
gccaggctg gagtgcagtg gtgccatctc ggctcactgc agcctctgcc tcttggttcc	240
aagctattct cctgcctcgg cctcctgagt agctgggatt acaggcgccc ctccc	295

<210> 22178

<211> 203

<212> DNA

<213> Homo sapiens

<400> 22178

tgatgcaaaa atcctcaaca aaatacaagc aaactgagtt caacaaagca ttaaaaagat	60
catgcatcat gagcaagtgg gattatccca gggatgcaaa gatagttcaa catatgcaga	120
tcaatcaacg tgaaatatca acgggttggg caaaaactat ataggaaaaa aatctaataa	180
tctaatttaa aaatgggcaa aag	203

<210> 22179

<211> 267

<212> DNA

<213> Homo sapiens

<400> 22179

tttttttgta gagatggggg tttgccatgt tgcccggggc tgtcttgaac tcctagagct	60
taagtgatcc accgcctca ggctcccgaa gtgctgggat tacaggcatg attataggcc	120
tgagccacca caccgcgct actatagcag ttttttaaaa aaagcattat gttaaaactg	180
attataccag atggacatta aatatccatc tcagaaatac caaaatttga tacataagcc	240
tggcctgaat atcttttttt ttttttt	267

<210> 22180

<211> 194

<212> DNA

<213> Homo sapiens

<400> 22180

tttttccac cccggtgcgc gcacagtgc gaccacggac gaccccaactg ttgcccccg	60
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cgagcaccag gactctgctg gttagggctg cgcggtcaga cagggcgggc acctggtacg 120
tgcgctgctg agcgcttgrc ctgcgggccag tctgaattga gatgtgctgt aagcgtaaaa 180
tgcataccga tgar 194

<210> 22181
<211> 419
<212> DNA
<213> Homo sapiens

<400> 22181
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atgaggtttc agaagatgat ctcaaagttt tgcttttctc taattctgag atcctaaaag 120
ccaactctac aacagagatt gcttagataa gtgcaaagtg gtagagcaat ttaaggactc 180
ataattatgt acgtgcaagg aactgtgtca agtatatatt ttcattgatgc tatcaaatat 240
taagccaaat tcaccctctg catatctaca cattcacagc ctgaatcctt tcccacttcg 300
ctcatacctc aatacctgtc acttgccctg tctcttgtct ctccctgtm ctgtgtttat 360
cttgctctga aggctttctt gaggcatttc tccctccttt caactctaaa aatcccaca 419

<210> 22182
<211> 233
<212> DNA
<213> Homo sapiens

<400> 22182
caattagatt tcttgataga gacataaaaa tkttttgatt ttactcttga atttttttgg 60
caagcttaac aaaggccaaa tcaatgctaa atcagaggta tttacaacat ccacaaattt 120
aatccaaagt ggatacttaa aacctcatat agatctaaat gatattctcc cagatggtga 180
attaatgtaa ttttagcagg aagcaaagtt gcacaaatat gcagtattga gga 233

<210> 22183
<211> 349
<212> DNA
<213> Homo sapiens

<400> 22183
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ttatgactta aaaaaagttt agctgctatt tcagtgaag tgtaaaataa aacggtcattg 120
atttttttca attacagaat agttacaaat tttaccatgt tcattctattc cacagagcat 180
gttaaaaaca acaacaacaa aaacctaaca gcaattacaa ccttggtgtt gcgtttattc 240
taatcagagt gaatgattat aatcacactt tgctatttta acataaattg gtgctttaga 300
gcattaaaga ggaagcagca ggccctgtac tcagtattta ttatttctt 349

<210> 22184
<211> 157
<212> DNA
<213> Homo sapiens

<400> 22184
aaagggbngg ctgttttcggc ggccgcggga tgcccctgcg ctgaccgcca ggggcaggtg 60
cccgcgcgcg tagacgcacc cgccctgacc ccgcgcaacc atgtaaacgg cgccasaggc 120
ggacgctggc ttctccgcct gggacccttc cgccccg 157

<210> 22185
<211> 438

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gttggatcac	aacacttaat	attgttcaga	tggcagtact	ccccaaattg	atctacagat	300
tcaacgtaat	ctttatcaaa	ctatcatctg	gcttttttaa	agaattgaca	agctgacctw	360
aaatttata	ggaataccag	ggkcctggat	agttwaaawc	yttaacaga	gacaagtgga	420
gactnaaaat	tctcaatttc	aaaactt				447

<210> 22190
 <211> 122
 <212> DNA
 <213> Homo sapiens

<400> 22190	
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gggccagga	ctctgtttac
60	
ttgtctgct	ttgctaaaga
aggccggtga	accaggacca
ccgcacacac	agggcccacc
120	
ag	
122	

<210> 22191
 <211> 311
 <212> DNA
 <213> Homo sapiens

<400> 22191	
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ccaagtagct	gggactacag
gcacacgcca	ccttgcccag
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ttggccaggg	tggctttaa
120	
ctcctgacct	caagtgatct
gcccassittg	gcctatcaaa
gtactgggat	tgccaggcatc
180	
agccactgtg	cccgcccgcc
actattttctt	aaaaggaagg
gaaggctcca	tttcctccat
240	
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ccagtgggaa	aaggaaataa
cagagatgga	acacagaaaa
300	
agaacagacg	c
311	

<210> 22192
 <211> 154
 <212> DNA
 <213> Homo sapiens

<400> 22192	
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gcagagtatc	atggcagaac
tgtgtgttca	ttaagaaca
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atgggcaagg	ctcaagacaa
aataatacag	gaccgtcgca
tttctttttc	tttatcccac
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acacacagga	gggt
154	

<210> 22193
 <211> 467
 <212> DNA
 <213> Homo sapiens

<400> 22193	
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tttctaaaaa	tcttgataga
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aacttaaaaa	accaaccctg
tatccataga	agagatgtaa
gccattttctc	ccttcttttc
120	
gtgtatgtgc	ctctgggcac
tggtgtactc	tcacaggttg
ttatgaaagg	agtcttagcc
180	
attcctgtgt	ctgcagaggc
tgccagctatg	aatgtcaaga
caagtctgca	catcttagtg
240	
gtatgactgg	ttcctgtatg
ttttaaaactt	attctcagat
taagtcttgc	tctaacttat
300	
ttgtccattt	tcttcttttt
tccataagct	aatttaaaac
tctcattgga	aaggaaaact
360	
tgtcctatga	gggtcaaagt
aaaactactt	cgactttact
cacattatta	ctttttgcag
420	
ccttcaatgc	ttgaaaaata
tgtgctggga	ttacctcact
ccagaga	
467	

<210> 22194

<211> 165

<212> DNA

<213> Homo sapiens

<400> 22194

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ctcccaaagt	gctgggatta	caggcgtgac	ccaccgcgcc	tagccccag	cttctttcac	120
cagcagaagg	cgggcaagcc	tcagggtgag	aggacttcaa	agcac		165

<210> 22195

<211> 411

<212> DNA

<213> Homo sapiens

<400> 22195

ataagattaa	taggccaaaa	tatgtatcta	atcacattga	taaaaattaa	tataactgac	60
acaataaaaac	acatttcccc	catctgtaca	ataaatacag	cttcaaattc	agtggagtct	120
gtagggcaga	taactttaat	catcactact	gtagtcagta	taagaaatgc	tgaaaaaaat	180
ccaggagggc	ttgtctcttt	gtgggtgggc	actgtgatgt	tgggccagct	cctgttcagg	240
tccagagctg	ctaacgtggg	ttctactcag	tcccagtgac	ttgaccagaa	tagagctttg	300
ccaggtaact	gcvwkttgct	aggtgaaagg	ggaaaagcag	tagctggata	tatttcaaat	360
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<210> 22196

<211> 136

<212> DNA

<213> Homo sapiens

<400> 22196

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<210> 22197

<211> 373

<212> DNA

<213> Homo sapiens

<400> 22197

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accaccgctc	cccaggagtt	catggaccac	agcatctccc	ccttcatgag	gaaaggcatg	180
gctggggact	ggaagaccac	cttcaccgtg	gcgcagaatg	agcgcttcga	tgcggactat	240
gcggagaaga	tggcaggctg	cagcctcagc	ttccgctctg	agctgtgaga	ggggctcctg	300
gagtcactgc	agagggagtg	tgcgaatcaa	acctgaccaa	gcggctcaag	aataaaaatat	360
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<210> 22198

<211> 354

<212> DNA

<213> Homo sapiens

<400> 22198

[illegible]

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cagctctcca	gactggaaca	agcaacaaga	cattgttgga	tcttggggaa	tcccaccagc		180
tacaggcaaa	cctcctggta	cagctggctg	gggggaacct	taccagcccc	agcaaaagaa		240
gaagaaccca	caggctggga	ggaaccatcc	ccagaatcta	tacgtcgcaa	aatggagatt		300
gatgatggaa	cttcagcttg	gggagrtcca	agcaaataca	actacaaaaa	tgtgaacatg		360
tgaacaaaa	acgtcccgcc						380

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ttaaaaatta tagacattct tgtaaatgtg aagtagtgtc tcattgtagt tttagtttgc    180
attttcctaa taacaatgat gtttaacttt tttgtgtgtg cttattagct gtttcacatg    240
cccttataca tattccattt ttctacttact gtttcataa atcactgcat gtaaattcag    300
agctctctct ctgtctcact ttctcttttg ttgtattc      338
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gaggaggtga gcgtgtccgg cttcgaggag ttccaccggg ccggtggaaca gcacaatggc    120
aagaccattt tcgcctactt tacgggttct aaggacgccg gagggac    167
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[illegible]

vndgtaaattg	ggctaaaatgc	cccmgttaaa	agacacggac	tggcaaattg	gataaagagt	300
caagacccat	cagtatgctg	tattcaggag	acccatctca	tgtgcagaga	cacacatagg	360
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<210> 22203
 <211> 363
 <212> DNA
 <213> Homo sapiens

<400> 22203						
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ggctdggag	tctgctcacc	ttgagggatg	gaggccaaaa	ggggcccaga	gcacaaggct	180
gaggttagaa	ccagccctgc	ggacggggct	aacctagggg	ggggtcgggtg	gtgttgga	240
agtttagagg	gggggctccc	ccacaggatg	tgcacaatgc	tcacaaaaag	cttttattct	300
cacctcctcc	cacgttccta	gcacctcaa	aatgatgctt	cctttgataa	tcctgccagt	360
cct						363

<210> 22204
 <211> 164
 <212> DNA
 <213> Homo sapiens

<400> 22204						
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gaaccgtagc	cagacatggg	actggaggac	gagcaaaaga	tgcttaccga	atccggagat	120
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<210> 22205
 <211> 156
 <212> DNA
 <213> Homo sapiens

<400> 22205						
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cgcagacagc	acaacagaaa	ctataatgca	tcaaatgtca	caaaggctct	cctaccagga	120
tgacgaaaat	cggcaactga	tgctcccaga	ggaggt			156

<210> 22206
 <211> 211
 <212> DNA
 <213> Homo sapiens

<400> 22206						
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caaccaaata	aaaaggaatt	atcctagctc	actaccgaga	tagctagttc	tagaaagcac	120
tagcaagtag	ctgataatta	attgaactgg	aactagaaac	agagtctagt	tccttgccca	180
ccctcccctt	cattttttcc	tgacggccac	c			211

<210> 22207
 <211> 255
 <212> DNA
 <213> Homo sapiens

<400> 22207
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aatgtttga atttgggata ctctaattaa tctacttcct attcctgaat ttattttggtg 120
ccattgaagg cttttatggg gagtggccaa agaggaatgt ttgcctcttt ctaagaaaaa 180
tgagccttct aaccacaacc cctgccamtc ctgaagtaat aagaattttg gtggttattg 240
tttctcactt gttgc 255

<210> 22208
<211> 160
<212> DNA
<213> Homo sapiens

<400> 22208
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ttcaaaccgt gatttcagca cttccccgtt tggattttgt aaaatgcaa cgacagggcg 120
aasggatatt cagggaaaat gtttgagacg acaccgcgat 160

<210> 22209
<211> 130
<212> DNA
<213> Homo sapiens

<400> 22209
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taagctagcc 130

<210> 22210
<211> 147
<212> DNA
<213> Homo sapiens

<400> 22210
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ggcgcagcgg cggcagcggc ggcggtact gtctgggctg agcagtagtg cctctcgggt 120
ggcgggtttc taggctgcag gggttaa 147

<210> 22211
<211> 363
<212> DNA
<213> Homo sapiens

<400> 22211
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ggaaatataa cttttgtcaa agaaatactc tcagaagaga aatggggctt aattaagttg 120
tttttggtgt caggtttatt cttgttactt cgctgtgttt ttgaaatgtt gggcatggcc 180
tcgtattttg ctgttacctt tgtgacctga ttgttttttg gaacacgtca agacgtggga 240
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tgaagaatgt attaattgaga ctgctttgca taaaactggg aagaaagaga agacagtgga 360
gat 363

<210> 22212
<211> 297

<212> DNA

<213> Homo sapiens

<400> 22212

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ttgacattct	tttatgctat	aaatgtgcat	tcaggtecca	ttaaccatgc	tctgctttta	180
tttggggata	gaacattttc	tttttcatat	cccgatcttc	ccattttctc	atagaaatgt	240
gataagaagt	acatccctgt	gatcctgctg	cttcgtagag	caccactgca	cacccta	297

<210> 22213

<211> 334

<212> DNA

<213> Homo sapiens

<400> 22213

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acacggggga	cataggagat	catccaggga	gagagggggg	ttagctgagg	agaggcctga	120
ggactggaac	tttggggaca	ttgttctata	aggagctgga	agtgcagaag	gagcctgcaa	180
aactgattgg	gtagttgtgc	cagagaggta	ggagataaag	aggaaagcta	gagggagaga	240
gttctatgga	ggaggataga	ataagtttcc	atctaccctt	ctaagttcta	ggctagtgcc	300
cctgtaacaa	aagatagatt	aacaagaggg	atca			334

<210> 22214

<211> 143

<212> DNA

<213> Homo sapiens

<400> 22214

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actctgaaca	tggttttagt	aaatattggg	tgaaatgaat	gtgaaataaa	tgaaacaaaa	120
aaactcawta	ggaaagacag	caa				143

<210> 22215

<211> 393

<212> DNA

<213> Homo sapiens

<400> 22215

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gctgatgcgt	tttggtcaca	ttaagtccag	gctcatggaa	tgagtgtgtc	cactcttgga	120
cttagagtgt	gactttcctg	ccaaccagag	ggcttggctc	tgagcagctc	tttctccggc	180
cagtctttta	ttttccactt	tttcatctca	ggtcagttac	tactttcccc	tgaagacctt	240
gtggagggtca	tttttcgcag	ccctgggtggc	ggcctttacg	ctgagatcca	tcaatccctt	300
tggaatagc	cgtctcgttc	tcttttatgt	ggaataccac	acgccttggt	acatggctga	360
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<210> 22216

<211> 358

<212> DNA

<213> Homo sapiens

<400> 22216

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cttttttgtg	cttttatttt	tcaatttgtga	gaaccactga	ttggtatggt	caacaaat	120
gtgtatacaa	agaaatggat	aaatcactgc	tatataaggg	aaactacctt	aggaaagaat	180
gtttactgaa	tgtttatttt	attttatttt	ttttttacta	tagagtgagg	ggttgttaac	240
aaagaatata	tattggtcat	tcttacaact	actattttaa	gtcagcaact	tttactgaa	300
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<210> 22217
 <211> 209
 <212> DNA
 <213> Homo sapiens

<400> 22217						
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aagcaat	cctgccttgg	cctcccaaag	tgctgggatt	ggaggcatga	gccttggcca	120
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ggtgggtgtt	cgtgtacata	tacgggggc				209

<210> 22218
 <211> 241
 <212> DNA
 <213> Homo sapiens

<400> 22218						
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gttgatttat	tctgagtaat	tacacttact	tttgattttc	agaatataat	ggtaaaattc	120
agttctttaa	tgttactaaa	attattaagg	taatattaat	aataataaaa	gtaagtrcca	180
gtgacctaat	gaaacattta	aaatgatgaa	tggccttgtg	tagaaaaaat	atgggctctg	240
a						241

<210> 22219
 <211> 349
 <212> DNA
 <213> Homo sapiens

<400> 22219						
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ataatccaaa	tatattaaaa	tactaaaata	cctaaaaatg	ttctagatga	gttcaacagc	180
agaatggagg	ggacagaaaa	aagattaagt	gaaattgaag	aaagggcaat	agaaattata	240
atatctgaac	aataaaagata	aaagacaata	raatgagcac	agtgtagaga	tctatgggat	300
gatagaaaag	gtataacaat	tacgtcataa	gagaccacga	ggaggggac		349

<210> 22220
 <211> 366
 <212> DNA
 <213> Homo sapiens

<400> 22220						
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cactgttacc	tgttcataac	aagacaggtg	ccatcagtaa	gaggggtgcat	tgagagactg	120
ggcctttgct	ctgatatcta	agcatgtggt	tattttctga	tcattttaagt	ttattgtggt	180
ttttgtktgc	ttgttttttg	tttggtttgtt	tttgagacag	agtctcactc	tgctgcccag	240
gctggagtgc	agtkgcgcga	ctcagctcac	tgcaagctcc	gcctcccggg	ttcacaccgt	300
tctcctgcct	cagcctccca	agtagctggg	actacaggcg	cccaacacca	cgcttggtcta	360

aatttt 366

<210> 22221
<211> 335
<212> DNA
<213> Homo sapiens

<400> 22221
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atattttttc ttggttaggg aagagatatt attagttgta gaagtaatta ctaacttcta 120
cattttttat tgtggaaatc aaaaatatat atatgaaaat aaaatgttat aattgacttc 180
agtgtcccat aaaccagctt caacaattac caaattgtga ccaatcttta cacacatgca 240
caggtgtccc tcagtatctg tggggcattg gttctaggac cacttatgga taccaacatc 300
tatggatgst caagtccttg atataaaatg gtagt 335

<210> 22222
<211> 125
<212> DNA
<213> Homo sapiens

<400> 22222
tgagattgtg gcagaaatga cagaaacaga gatagtcacc tctctttgtc ccatgtatgg 60
cagtcgattt ggttatgccc tttccaatgg cacagttgga gtttatgaca aaacatcccg 120
atact 125

<210> 22223
<211> 363
<212> DNA
<213> Homo sapiens

<400> 22223
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atagttacta ctgcagaaca cttttatata ctgtcagtat aacagagtac ccctttgcct 120
ataacctttc aatattatta ggctttaaaa tatttactaa tctgatagat aaaatgatgg 180
tcttggctgg gcgcggtggc tcatgcctgt aatcccagca ctttgggatg ccaagacggg 240
cggatcatga ggtcgggaga tcgagaccat cctggctggc gcggtgaacc cttgtctcta 300
ctaaaagata caaaatatta gccgggcgtg gtggcgggcs ctgtagtccc ggctgctcgg 360
ggg 363

<210> 22224
<211> 369
<212> DNA
<213> Homo sapiens

<400> 22224
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gagaaggggg ccacactcct ctgtgccctg ctggtacggg tggaatgagg ggtgagacac 120
cactactaca agcacagtcg ggccgcgggc ccatggactc tgagtggcga ctgcctccac 180
ctcattcccg tgactcgtgg catgcgcagg tgctggagct tggcagccgc gcaggagcat 240
gtaggcaggc tctcagatgt aggtggcaag tggcacagct ccatgtccgg aggccagca 300
ctccgtctga tgggaggagt cgtgggagcc cagctccagg cctggtaccc ctcttcatgc 360
actgatttn 369

<210> 22225

<211> 98
<212> DNA
<213> Homo sapiens

<400> 22225
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aattaaggat caacatattt gtacctgacc ccaccttt 98

<210> 22226
<211> 107
<212> DNA
<213> Homo sapiens

<400> 22226
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atccgctgcg ggagtscgag ccggaaccac acccaagtag cagcsc 107

<210> 22227
<211> 155
<212> DNA
<213> Homo sapiens

<400> 22227
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aaaatgtttt agaagaaatt gctgaacttc gacgtgaagt ttcttatcag aatgattaca 120
taagcagcat ggcagatcct ttcaaaagac gagga 155

<210> 22228
<211> 149
<212> DNA
<213> Homo sapiens

<400> 22228
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aacaggaagg ccaaatatat atttcacaat atcacaatat gttattaaga gcaaatagtg 120
atagaaaagt gaaagtgatg atagcagaa 149

<210> 22229
<211> 119
<212> DNA
<213> Homo sapiens

<400> 22229
agactccacg gagcctttca ggaagactct ctaggattgg aagttgctat ggcaatgagg 60
ctcttggaat actgaaagca gccaaagccct agagaggcta ccaccgtac gccccgcca 119

<210> 22230
<211> 102
<212> DNA
<213> Homo sapiens

<400> 22230
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aacgctccg gggtgaggcc catcttgacg attccaagtc cc 102

<210> 22231
 <211> 285
 <212> DNA
 <213> Homo sapiens

<400> 22231
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 gctccagaat gtgcactttt aacaagcacc ctttgggatt ttgacacaga gagtcacgga 180
 catcgcaa atatacatatt atttaattctt agaaaaatac ttttttgtaa cattggaatt 240
 tggcttattt ctaatattta aatcatttaa ctgccatgca attca 285

<210> 22232
 <211> 185
 <212> DNA
 <213> Homo sapiens

<400> 22232
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 catttggttaa acagttaaaa caattttatt gcatatttac catatgctag gagttagagg 180
 gaggg 185

<210> 22233
 <211> 79
 <212> DNA
 <213> Homo sapiens

<400> 22233
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 tcccagaggc atatgtgaa 79

<210> 22234
 <211> 345
 <212> DNA
 <213> Homo sapiens

<400> 22234
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 tagggggaga gcagaaagca aaggcagctt tataaataat aaagatgttc tgcaaaaatt 180
 cctctgactg ggttctgatt ggcttgggta gccttttttt ttgagacagg gttttgctgt 240
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 ctcaagtgat cttctacct ttgtctccca agtagctgta ccata 345

<210> 22235
 <211> 165
 <212> DNA
 <213> Homo sapiens

<400> 22235
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 tggagaacgg catcccacgg ggacctgatc cggggcacgg tgctcaccta ccattgcgag 120

cctggctacg agctgctagg ctccgacatt ctcacttgcc agtgg 165

<210> 22236
<211> 395
<212> DNA
<213> Homo sapiens

<400> 22236
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cgaggcgctg aagtggggga ggagagcggc ttcccccggt gtggttctag ccgtgggtgt 120
ggagcgtggg aaggctcagc ttccggggcg agaacctggg gctgcggtgg acctgacct 180
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tttgacagt nccagtwcac agcagaagag tacca 395

<210> 22237
<211> 133
<212> DNA
<213> Homo sapiens

<400> 22237
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aactactttt ggaactggaa gggggaaatc tgtaaataga aatttatatt tatgttctga 120
aatttgaggg tta 133

<210> 22238
<211> 156
<212> DNA
<213> Homo sapiens

<400> 22238
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atccagatga gctggccagt gctgtgaagg agctgagagc acccccgaga gccgtgagat 120
ggcaccaaaa accaagaaag gatgtaaagg ctccaa 156

<210> 22239
<211> 178
<212> DNA
<213> Homo sapiens

<400> 22239
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ctgaggcggg agagtcgctt ggacctggga ggcgagggtt gcagtgagcc gagaccgcac 120
cattgcactc cagcctgggc aacaagagca aaactccgtc tcaaaaaaaaa aaaaaaaaa 178

<210> 22240
<211> 174
<212> DNA
<213> Homo sapiens

<400> 22240
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aaaaaaaaat gtttttgaga cagggtcttg cttgtgcacc caggctggag ttagtgaggca 120

tgactaccgt tcatagcagc cttgatctct caggctcaag tcctcctccc taaa 174

<210> 22241
<211> 70
<212> DNA
<213> Homo sapiens

<400> 22241
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gaattggctt 70

<210> 22242
<211> 77
<212> DNA
<213> Homo sapiens

<400> 22242
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aagccactag cccgcc 77

<210> 22243
<211> 235
<212> DNA
<213> Homo sapiens

<400> 22243
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ttgcttttct ttctctcttc tcatactttc tcttctctct cttttaattt tcttggtgaga 120
taatattcta agaggctcta gaaacatgaa atactcagta gtgatgggtt tcccacttct 180
cctcaatccg ttgcatgaaa taattactat gtgccctaat gcacacaaat agcta 235

<210> 22244
<211> 342
<212> DNA
<213> Homo sapiens

<400> 22244
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ctaaataact aaagtgaagt tgcagtttt tctttcaaag aaaaatggtt taccatgaaa 120
aatgttcagc ccacaactca aatattcaga taagtgttt tcttcaggac ggaacattgt 180
acaacagtat gagcgaaagt gttctgttcg ttctttctac ttgtttacac agaataattaa 240
aaagatgtgt actcaagagt tgtgatttaa taaaatgaat acttactgtt ttatcaagaa 300
catttggaag tgaaacaggc ttttgttttc tgcaattcat gt 342

<210> 22245
<211> 322
<212> DNA
<213> Homo sapiens

<400> 22245
aatgcatttt ggctttttcc agaaaagagta ccatcaagga aacggagacc tcaactgctg 60
ttctagactg tgggggtgca ttctgtctc agcaccaagg atcccaacag gcaggcaggg 120
aggcccttga ctttgtgtca ctgtgaggca gcagagtcca tgctctgcat caggggaggt 180
gcagtaaagg tccattgtgt ggcttgagac ctatgatctg aggcttgtgc ataataagat 240

<211> 222
<212> DNA
<213> Homo sapiens

<400> 22250
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agcatgggta aaataatcaa gttagtttgg gagatttaag gagagaagag tatgaattat 120
acttgctgaa tgcatactat atacaggcat gtggcaaacg atttattatt attattttat 180
tttatttttg agatagggtc tttctctgtc gcccaggcgt cc 222

<210> 22251
<211> 213
<212> DNA
<213> Homo sapiens

<400> 22251
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aatssttttc acatttcttg tttttgtcag gtttgtcaaa gatcagatgg ttgtagatgt 120
gtgggtgttat ttctgagggc tctgttctgt tccattggtc tataatctgtg ttttgggtacc 180
agtaccatgc tgtttttgtt actgtagcca tcg 213

<210> 22252
<211> 259
<212> DNA
<213> Homo sapiens

<400> 22252
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gccgtccttg attttatttt tcaagggtccc ttctgtaaat gctgtgcttt cttccctgtg 120
agagccaact ttagagtgtc tgctacctct tcattaccaa tcagaattag atgatgttta 180
actgttagac tgaagcgtga cgctttcatc agtagcttca agaaagtcta aattgttaat 240
ttatggaatt ggacatcag 259

<210> 22253
<211> 304
<212> DNA
<213> Homo sapiens

<400> 22253
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tgtaagacca ttgttacttc tcttcatttt ttcaattgct gtgttttagca gtttactttc 180
cttgagtwtt tttttttaaa cacagggctc cgctctgtca cccaggctgc ggtgcggtgg 240
cctgatcaca gctcactgca gcctctacct cccaggctca agtgatcctc csgcctctgc 300
ctct 304

<210> 22254
<211> 303
<212> DNA
<213> Homo sapiens

<400> 22254
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gtctacttgg cttatagtca ttgctccagt taatcctcct cttatcagcc cccatggtca 120

tccccattca	cagatgagaa	gaatgaggct	cagaagatta	aacagctcac	ccaagagtgt	180
gaagccaagc	caggatttga	gccagatcg	tctgactgca	ggagaccct	attttagtca	240
attcttggtt	atttaatccc	atctatttat	ttttacgtgt	atnttttttc	tttagccagc	300
aaa						303

<210> 22255
 <211> 154
 <212> DNA
 <213> Homo sapiens

<400> 22255	
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aaatacttta	ttatttagtt
ttcttggttg	ctttcaaggg
atttttaaaa	ttttaagggt
ctgggagagg	tagtgctagt
acttctaaga	aaataaacct
caaatgagag	agacatgcac
attaatatcc	ttat
	60
	120
	154

<210> 22256
 <211> 335
 <212> DNA
 <213> Homo sapiens

<400> 22256	
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catggctgat	ataaacaagg
gccacaaaag	acaaagtttt
tgaagtgtc	ctaacaccac
aaacggttgc	ggacaacatc
ccctacctag	gacagctgat
cacattacat	gttctacaat
cactggaggg	cactcactcc
tgcattggaag	tttttttatt
cattgttaat	tgactgtaat
tcataattct	caatctgcc
atttcaaact	tttctaattg
atgtgattcc	caggccttgg
aattaactca	aagttggctc
acactttaca	aagaaagtaa
aatctctgac	ataacttgcc
tctgcttgcc	ccacc
	60
	120
	180
	240
	300
	335

<210> 22257
 <211> 230
 <212> DNA
 <213> Homo sapiens

<400> 22257	
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cacacaggat	gcgaasccgc
tggctaatta	agtgtggcat
tttgtttcaa	aattatccat
agacagtcac	tagctgcaaa
arcagcccac	tgtccttggtg
ctgatagatg	tktttcttaa
tatttttaggg	tgactcagtc
catttatttc	atgaatttta
ccttactttg	aaataggttt
cttttcttac	acaagtgtct
ttgaccacct	
	60
	120
	180
	230

<210> 22258
 <211> 190
 <212> DNA
 <213> Homo sapiens

<400> 22258	
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ttgcatagtg	awatagcaag
atttgtcaat	atgctattct
atatgcaccc	ctagagcaag
tcattagggt	agggaataag
ccatttacat	tagtgcaaga
tagaaagcga	gtvcagatga
atttcattgc	tatagttttt
cataaagtac	tatgttatct
agcagcaaat	
	60
	120
	180
	190

<210> 22259
 <211> 122
 <212> DNA
 <213> Homo sapiens

<400> 22259
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ctcaccaacc agccttttct ttttaacacat cggtattact gcaacacttt ctageccgacc 120
tc 122

<210> 22260
<211> 248
<212> DNA
<213> Homo sapiens

<400> 22260
tgagcaaagt tatgttcaaa tagtttggtg tgcttgtgct aatttacatt tgtcaccaat 60
catgatttta attaaatata tgggaaatgg attcttatta aaattcaata aatttttttt 120
ttaccccaaa tgtggtcaag tgttttcccc tggatttatg taagcataac tcctatgata 180
tggtgtaaaa tgaatcatac tttttttttg aagatgcttt kgtttgagta tctycaagaa 240
aaatctgt 248

<210> 22261
<211> 371
<212> DNA
<213> Homo sapiens

<400> 22261
ttgttgcaaa catgtagtga taaggagaac taacgtatca aggggctgag agggtaacgt 60
tccccctctc ctccatgttt ttatttttgggt gtctgtkttg tttctagcac tgtatttagt 120
actgtagttg aatgaggtat gatgtctccc ttcaaggaaac tcagaatgga acagaagcat 180
gagcaaaaaga ttgtattaca gaggtatgaa taaaatgcc a tggggaacac agagaaaggt 240
tcacccggga gagatggcct agccacttcc ttagtgactg tttggtatat gtaggtcccc 300
ctgccattac tctttcagcc ttctgcaatc tagttctact tagtcacaca cttctctaag 360
accactcata c 371

<210> 22262
<211> 266
<212> DNA
<213> Homo sapiens

<400> 22262
aaatgtaatt ttatagaata attctgggat ttgagadgat ctaaaactat ttttctgtat 60
aaatattatt tgccaaaagt ttgtttatat tcagaagtct gactatgatg aataaatctt 120
aaatgctttg tttaattara aaacaawaat caccaatatc caagacatga agatatcagt 180
tcaacaaata ctgtagttaa gagactaact ctccacttgt atgggaacta catttcactc 240
ttggttttca ggaataaaca gcacat 266

<210> 22263
<211> 212
<212> DNA
<213> Homo sapiens

<400> 22263
ccaaagtggc tgaaccattt tacattccaa ccagcagtggt tttgaggatt ctaattcctc 60
tacatccttg tctgaacgta tctgtcttct aaaattatta tagccaaact agtgggtgtg 120
aagtagtact tcattgtggg tttgatttgc atttctctaa tgactaatga tgttgagtgg 180
acatctttcc atgtatttgg cagtkgcata ga 212

<210> 22264
<211> 176
<212> DNA
<213> Homo sapiens

<400> 22264
acattaggtc tctgtgcaaa ggcagaggct gtgggagcag catcaagcaa gacttcgggc 60
agtgattcta actattgcct atgaacaccg tggctgggac gactttgacg aggcaattta 120
ttacttacgc atagaacact ggctgtgctg aaactgggag cgcaaacagc cccttg 176

<210> 22265
<211> 168
<212> DNA
<213> Homo sapiens

<400> 22265
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acgcacacac ccacctctcc cataaacaca cacacacaca tgcacacca caccacgcgc 120
cgcwycacc gccccabgcg cacacactcc tgcncacgcc cagcgagc 168

<210> 22266
<211> 215
<212> DNA
<213> Homo sapiens

<400> 22266
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gtcatgcata tgtggaacaa tcagctagag gcttattatt taagctgtgt tctctctgga 120
aactttaaga cctaggagct tatcagaaat gcggaatctc tggctgtgtc aagatacccc 180
agtgtcccat aggcattgga aaattgagaa gcgac 215

<210> 22267
<211> 244
<212> DNA
<213> Homo sapiens

<400> 22267
agcagcgcgcm ctcggtctct ggtccattca ctccacgctt tctgcagccg ccaactgcagc 60
cgcgcggcgcg gggctccctc cttgcagcca gccggcggtc cagcctggtg cctctgcaaa 120
ggaaagggga gcgtggagac gtgttcgagg tggatcggc gaggatctct cgggcgcgcg 180
tcactccdtg gtcgccttgc ttgccagcag tbgtccctt agtccttggc tcgctcgcac 240
accc 244

<210> 22268
<211> 111
<212> DNA
<213> Homo sapiens

<400> 22268
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tgatgatgct ttttcttgat gctaagatca ctgcagaaga ataactgacc a 111

<210> 22269

<211> 240
<212> DNA
<213> Homo sapiens

<400> 22269
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tttttsaatt atttgctgtw ttgtcatgac agctacatat gtatgttgtc gttatgtctg 120
aacactaata gatgcttaag attttgttgg cttaattatt tctgatagca tttctaata 180
tactatgtaa aactcatata accctctaca ttttacctct ggctaaacat taggcctcca 240

<210> 22270
<211> 63
<212> DNA
<213> Homo sapiens

<400> 22270
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cct 63

<210> 22271
<211> 405
<212> DNA
<213> Homo sapiens

<400> 22271
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tttaggattt tcctacaagt gagggatatt gggctctgtga wcgtaaagtg attattttta 120
agacatggtc agccatttcc aacgtttgat tcatctgtag gtctgcttct attgactttg 180
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gtgtactttt accttacaca caagcacata agccatgtaa agtccctgtt ttggtgaggt 300
tgcaattttt gagcctcaaa ttctgacagg aagccccagt gaagtagaac tcattagcaa 360
aaagccattg tctgaaatgg caagcagcac agtacaata ccagc 405

<210> 22272
<211> 220
<212> DNA
<213> Homo sapiens

<400> 22272
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cttgctccak kaacagaaaa tgcacatctt tctttgaaaa cattattaaa ttaaaccatt 120
ttgttttatt tgcaaattag gtcctccaaa agctggggaa agctgatgmg acaaaagacg 180
aacagttcga agaatatgtc cagaacttca aacggcaaga 220

<210> 22273
<211> 164
<212> DNA
<213> Homo sapiens

<400> 22273
ccgaggcggg cagatcatga ggctcaggaga tcaagaccag cctggctaac atggtgaaac 60
cccgtctcta caaaaaatac acaaaaaaat tagctggggc tgggtggcggg cgctgtagt 120
cccagctact caggaggctg aggcaggaga atggcatgaa ccca 164

<210> 22274
<211> 139
<212> DNA
<213> Homo sapiens

<400> 22274
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ctttccaagc agttgttatc ttcttccttt tagctgctta gtctcttaca gcagaagggg 120
gatttcatcc atggcctta 139

<210> 22275
<211> 362
<212> DNA
<213> Homo sapiens

<400> 22275
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gggaccgaga agatttcgaa ggtggaggag cgtgtctcaa gattggggct acctgttctt 120
tcgtggggca gggaaggggc ggacagcagc gcctattctg gaggaactgg actgagatgt 180
gaccccgaa tgttaccgct tccaaacgaa atgaggggtca cctttcacac cgcccccccc 240
ccgggggttg aaaagccacc gatcggtcca gctgccgagc agctcttaaa gctttggatt 300
cggctgtcgt ggagataacg ggcaccagaa aaacttgtag gagtagcaam agctatttgg 360
tc 362

<210> 22276
<211> 185
<212> DNA
<213> Homo sapiens

<400> 22276
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acaatttttt aactcaaaat ttgtcaatca tttttaatag ttcttttttt ataaaaagaa 120
aaaggatttt aaggacaggc agtagtctct tttaaaattt attcacaaaa cccattaact 180
gcact 185

<210> 22277
<211> 125
<212> DNA
<213> Homo sapiens

<400> 22277
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ggttcccggg aggcaggggc tgggcagagg ggagaggaag cacaagaagt gggagtvvga 120
gggga 125

<210> 22278
<211> 126
<212> DNA
<213> Homo sapiens

<400> 22278
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acaaagagaa ttccagagaa aggtagcatc tgagctgaaa cctgaacaac aagtaggagt 120
cccca 126

<210> 22279

<211> 117

<212> DNA

<213> Homo sapiens

<400> 22279

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cagctggaag ctaaaaacag gcgccatgga gtacacaggg agcaaatata tcgggga 117

<210> 22280

<211> 280

<212> DNA

<213> Homo sapiens

<400> 22280

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acccccagct ctcaccctg gctcaagagc tggtcagtga gacagagctg aggcacctgg 120

cgttgcaagta cagcaccctc agcaaatgca atcacactct gtctcttccc agataccctc 180

tcctccctg cagggcggt cctccctggg ggcctttgca tctgggaatg gagaatgggg 240

gcagctcatg gggctttctc ccttcagaaa tgaagccacg 280

<210> 22281

<211> 221

<212> DNA

<213> Homo sapiens

<400> 22281

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gtaatagtga aggtttattg gtttctcact tgcgtgccac cagcatgctt tgaataacaa 120

gactacttac tatctctata catatggctg aatttctaag gtgtgcagct tcttcatatt 180

aattggttta ggacattcat aaattacagc acccaggtgg a 221

<210> 22282

<211> 178

<212> DNA

<213> Homo sapiens

<400> 22282

gttttgacaa caattcggtc agggcaccga gcaaacatat ttagtgcaaa gttcttacct 60

tgtacaaatg ataaacagat tgtatcctgc tctggagatg gagtaatatt ttataccaac 120

gttgagcaag atgcagawac caacagacaa tgccaattta cgtgtcatta tggaacac 178

<210> 22283

<211> 54

<212> DNA

<213> Homo sapiens

<400> 22283

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<210> 22284

<211> 135

<212> DNA

<213> Homo sapiens

<400> 22284

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caggctggag tgcagtggca ggatctcagc tcaactgcaag ctccgcctcc cgggttcatg	120
ccattctact gcctt	135

<210> 22285

<211> 241

<212> DNA

<213> Homo sapiens

<400> 22285

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taacaccctt tgtaactaca tatagaactg ttacaatggg agcagaaaat cctattgatt	120
tcattctacc catttcagat accttcagtg aaattaaggg tagtgtgatg tcccatgtaa	180
taaaacaggc ttagaacatc aattcctctg ctgccattta tgtgcttkta ttccccctta	240
a	241

<210> 22286

<211> 69

<212> DNA

<213> Homo sapiens

<400> 22286

tttgatgttg agtgggatct ttcaatatgg aggwgccctgt cctttagtcc tgggacattt	60
tctaaccctt	69

<210> 22287

<211> 166

<212> DNA

<213> Homo sapiens

<400> 22287

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aatgagcagg agacgctcgc tgatgccttc tgtgatgtgt ttcttcccca gctccagaag	120
aaaaggaagt cattaaagga cagtatggca agctcacgga cgcaag	166

<210> 22288

<211> 184

<212> DNA

<213> Homo sapiens

<400> 22288

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acttgagtaa tttgtacagt caatatTTTg aagtttcgga gttaccagtg aaatagcaaa	120
gctgttctcc aggaaaggac atccaggttc ccaccaggc cttccttcct cagccccgcg	180
agcc	184

<210> 22289

<211> 420

<212> DNA

<213> Homo sapiens

<400> 22289
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caagagaaat gaaaagaggt tcacacaaaa acttgtgcat gaatgttcat atcagtttta 120
tccataatgt tcaaaaactt ggagaaatca gatggccttt aacgggtggc tggtgaaaca 180
gtggatgggtg cctctatgcc cggaatacta ctcagcgata aaaaagaact aattactgac 240
atgggcaacc actgggatga attccagaga attgtgctga gtgagcaaag ccaatcataa 300
aagtttgcac actgtatgat tccatttaca taacattttg aaatgcaaaa ttataggaat 360
ggagaataga ttaggggttg ccaggaggga gtggggagaa caagagartw gggcataact 420

<210> 22290
<211> 205
<212> DNA
<213> Homo sapiens

<400> 22290
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ttacatataa ttccaatttg gggggaggag gtaccctaca tttagcttct cagttatatt 120
tttattaggc aaatgttaaa tgagtntcca ttcctgaagc tataatctact gatgtaagg 180
agaaaccata cttgaaagca ccgtc 205

<210> 22291
<211> 192
<212> DNA
<213> Homo sapiens

<400> 22291
aaaaggacta aaagtatgtc aatagttatg ttgaaatggg aacagatttt ctaagcataa 60
cgtaatggga aaatcacaaa gtgtaagggt gaatggacaa cataaaaaatg aaagatttct 120
ggatgccaag caagggttta tatgctttta tattgagttt agtaatttaa tatgaaaaag 180
acaaatgcta ca 192

<210> 22292
<211> 245
<212> DNA
<213> Homo sapiens

<400> 22292
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ggcggacggc ggctcggagc gggctgacgg gcgcacgctc aagatggagg tggactacag 120
cgccacgggtg gatcagcgcc tacccgagtg tgcgaastag ccaaggaagg aagacttcaa 180
gaagtcattg aaacccttct ctctctggaa aagcagastc gtactgcttc cgatatggta 240
tcgac 245

<210> 22293
<211> 139
<212> DNA
<213> Homo sapiens

<400> 22293
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tgcgtcctcc acgagctctt ccacctgtgc caagtcaaga tgatattcca cttagtcgtc 120
ctaagaaaaa gaagcccag 139

<210> 22294

<211> 204
<212> DNA
<213> Homo sapiens

<400> 22294
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ttttagattt aaattttgcc aggtgatgga tgtgaaatgg catcttataa ttttaattta 120
cagttcccca attgctaattg agataaatat atttttatat gtatataatg cattcatgat 180
tctacttttg attcataggg aaaa 204

<210> 22295
<211> 105
<212> DNA
<213> Homo sapiens

<400> 22295
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tattgtatgt atgttcaggg ttgttacaca tcagaaagag acaat 105

<210> 22296
<211> 166
<212> DNA
<213> Homo sapiens

<400> 22296
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gtggggattg ggcaggtcat tctcatccag ggttctctag tttagaattt gttcttctta 120
gtctgaagga agttgttgac tttttatgtg tatbataagg gccatc 166

<210> 22297
<211> 267
<212> DNA
<213> Homo sapiens

<400> 22297
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gttgatcact cctctcttaa tgctactact gtaccaagga gatacagtgc ttcttgactt 180
acaatggggt tacaccttga taaaccatt gtaagttgag agtatcttaa gttgaaaatg 240
catttaatac acctaaccta ccaaaca 267

<210> 22298
<211> 186
<212> DNA
<213> Homo sapiens

<400> 22298
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ccctggccca ggtctttcgg ataaaggggg ccaactgccca gtgtgcacag gccagaagg 120
aagaaaagac aagaaaggcm aggtgctgay tgccttgggg gttgtttggt gtaaacaggm 180
agcctt 186

<210> 22299
<211> 433

<212> DNA
<213> Homo sapiens

<400> 22299
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gttatgtctt tccgcgacct ccgcaatttc acagagatga tgagagccct gggataccct 180
cgacatatat ctatggaaaa ttcccgta caaatatttg gacttgtatc tgaagtgcct 240
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caggaccgag ttttcttcat taaggcaatt gccagttcat ggccaccaag gcacatatata 360
aactcaacac taagaagctt tatcaagcag atgggtatgc ggtaaaagag ctgctgaaga 420
tcacatctgt cct 433

<210> 22300
<211> 462
<212> DNA
<213> Homo sapiens

<400> 22300
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cttgttcaac atttgatatt cagtgtaatc cattgcatgc attagcagct caaagatgaa 120
atacgatcat atcaataggt acagaaaaag catttgacaa aatccaatat ccattcatgt 180
taaaacctct caacacagaa ggaatacagg agaacttact caagttagta aagaacatac 240
tacaaaaaac cctacagcta acattatcct tgatgtttcc aactagacac tttcctacta 300
agatcaggaa catggcaagg aacaccacac cactgctttt cagcattgta ctggaagtgc 360
tatataatgc agtggttaaaa aaaaaagaaw taaaatgcac atagatttga aaggatgaaa 420
tacaactttg ttcacaagta acatgattgt cttttagtag at 462

<210> 22301
<211> 408
<212> DNA
<213> Homo sapiens

<400> 22301
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aagtctggat gaagaggaga aactggaact gcagaggcgg ctggaggctc agaatacaga 120
aagaagaaaa tccaagtcag gagcaggaaa aggtaaactg actcgcagcc ttgctgtctg 180
tgaggaatct tctgccagac caggaggtga aagtcttcag gatcagactc tctgaaaact 240
gcaaattgaa aggaattcaa aagaatttag attaaaagt aaataaaaaag taggcacagt 300
agtgtgtaat tttcctcaaa ggctctctnd tgataaggct gaaccaaata taatcccaag 360
tattctctct ccttctctgt tggagatgtc ttacctctca gctcccc 408

<210> 22302
<211> 368
<212> DNA
<213> Homo sapiens

<400> 22302
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tttaaaatta tttattcata ctttcagaaa gttaccaatc gagtcctact atatgcaag 180
accatgttaa aaataatgag aaacagaata tcttggtgga tatgtttctg ccaccagaa 240
acatttacca ggggtggtaaa gatcttgtat taaaatatac agagttagt ttcaaagtaa 300
tagtagtgaa tatcttggtg aatccttact gcaatattag gaaatggata tgcccaatgc 360

agagcaga 368

<210> 22303

<211> 161

<212> DNA

<213> Homo sapiens

<400> 22303

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aggaaaaccc	caggcacttt	cggaggggtt	ctgccggcag	tcacggcgtc	gggaggaaga	120
catccccacc	agcccttccc	tttctccccg	cttccgcaca	c		161

<210> 22304

<211> 114

<212> DNA

<213> Homo sapiens

<400> 22304

caaatagttt	atgttaattg	tgtcaacaga	tdmgatcact	ggaatgtggg	gattctgaaa	60
cagaaatgaa	actgtccttt	tgacaactct	cttatataat	aaagtatcac	cggc	114

<210> 22305

<211> 134

<212> DNA

<213> Homo sapiens

<400> 22305

agtgtgggcg	agtaaaatgc	cctgcgtgtg	adgagcaggc	tcagattatt	gctattctgt	60
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<210> 22306

<211> 270

<212> DNA

<213> Homo sapiens

<400> 22306

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tattgaatgc	tgtcttgaca	tctcttgcc	tgctctccgg	tatgttctaa	agctgtgtct	120
gagatctgga	tctgcccac	actttggcta	gtgacagggc	taattaattt	gctttataca	180
ttttctttta	ctttcctttt	ttcctttctg	gaggcatcac	atgctgggtgc	tgtgtcttta	240
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<210> 22307

<211> 194

<212> DNA

<213> Homo sapiens

<400> 22307

acgtcgcttk	tccggctttt	ccagctttca	cckaggttga	gatcgtgttt	tttccggaag	60
gaagttactt	tgcggggtga	cgggtgggaat	gcctcaccca	ggctgccgcc	cccatgctga	120
cgaatgtgtg	gggtgaattc	caggggaagg	aggccagcca	gcagcgcac	agggagctgt	180
gtggggggac	tcat					194

<210> 22308
<211> 124
<212> DNA
<213> Homo sapiens

<400> 22308
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tgtcgtgct gctgccaag gccttcctgt cccgcgggaa gcggcaggag ccgncgccga 120
cacc 124

<210> 22309
<211> 188
<212> DNA
<213> Homo sapiens

<400> 22309
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tcaatctgta agagactatg aaaatcaata ccgtatactt ggtatagttg gtgagaattt 120
caggagcatg tttgttcttt tatttggtt ttggaagata cttagccac tttttttttt 180
tttttttt 188

<210> 22310
<211> 213
<212> DNA
<213> Homo sapiens

<400> 22310
attgtggctc atcagaaccc acttggtctt cavccaactt gggatattttg acctgtatag 60
aatgttctgg catccatagg gaaatggggg ttcataattc tcgcattcag tctttggaac 120
tagacaaatt aggaacttct gaactcttgc tggccaagaa tgtaggaaac aatagtttta 180
atgatattat ggaagcaaat ttaccagcc cat 213

<210> 22311
<211> 113
<212> DNA
<213> Homo sapiens

<400> 22311
agaaactcag agaccaagtc cattgagaga chraagggga aagagaggag agaaagaaaa 60
agagagtggg aacagtaaag agaaaggaag acaacctcca gagaaagccc cga 113

<210> 22312
<211> 349
<212> DNA
<213> Homo sapiens

<400> 22312
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acagcgggaa agtttgggtg atggaaatgt tcttggtgat agttgtgtat aaattgtatg 120
aaaacgtgtg caattgtgta cttaaaatgg ataattttca tgacatgcaa attatacctc 180
aagaaagcca ctaaacgtgg gtggccactc aaaatttcaa attctcttta agatgaccat 240
tcaggtcagg catggtggct cacacctgta atcccagcac tttgggaggc caaggcaggc 300
agagcacgag gtcaggagat cgagaccatc ttggctggcg cggcggaac 349

<210> 22313
<211> 193
<212> DNA
<213> Homo sapiens

<400> 22313
tgtttaaatg ataaatgctt tccaataaaa rnngatcatg ggtctggaga gtgcygtnsa 60
ttttctgagt tactcttaaa ttggttgat ttgaattttt ttattaggat gttgtataat 120
atgaatctca gccacaggct attccgtgtc taatgtgcca gatttccac ccaaaccat 180
cttnggaccc cct 193

<210> 22314
<211> 281
<212> DNA
<213> Homo sapiens

<400> 22314
ccttttatgg btgcatagta taccatgggtg wvnntgtgcc atactttttt atccagtctg 60
tcattgatga gcattcaggt tgattccatg tctttgctat tgtaaacagt gccacaatga 120
acgtacaaat tcacgtatct ttgtaacaga atgattttatt ttcctttggg tatattccca 180
gtggtgggat tgttgggtga aatgggtattt ctgattctag atcttcgcca cacaatcttc 240
cacaatggct gaactaattt atattctgag gggacacatc c 281

<210> 22315
<211> 181
<212> DNA
<213> Homo sapiens

<400> 22315
taaggggtag ttgttggttt atagctccaa anggtttttt tattctcagt gtagcaactg 60
tttgatttct ttctggatac agctgtatga acacttttct attttatact gaaatcacac 120
aggtttgtag tctaagtgcc agaaccatgg aggagactct ggccttatct gtagggaacc 180
a 181

<210> 22316
<211> 256
<212> DNA
<213> Homo sapiens

<400> 22316
cagttgtaag gcacaccatt atgtgccaca adraaaaaaa caccttcggt tgtacagcac 60
cattggttat aagatatagt caatttcaga gattaaactg tgaaaaaagt acatcttaaa 120
atcagtgaga tacagtgttt tcatttgat aaggatataat ttgggggttt tgattgcttt 180
aaaaacattt acctttattc tgtatccttt actcctagcc ccagggtgcat gtcagtaatt 240
accacagac tgcccg 256

<210> 22317
<211> 142
<212> DNA
<213> Homo sapiens

<400> 22317
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ccataaatta actccaatgg ggattgtgtg tctgctgtct cgtgctgttt attcttgctt 120

cttggttgtaa attgcagtac ga 142

<210> 22318

<211> 67

<212> DNA

<213> Homo sapiens

<400> 22318

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agagaga 67

<210> 22319

<211> 229

<212> DNA

<213> Homo sapiens

<400> 22319

actaatgaaa aggttggtata tgtgcaagtc acttttttaa aaaccaagaa aaaacttttaa 60
tagaggaaat cttattcatt aattttatatt tctgagtaaa aaaacgaaac ccaaattctca 120
ttttattttca actgttaaac attttgatct gttgacccat aggatcagga tttgggaacc 180
actttactag gaaagagcag atcagtacca tttgtataaa accgggcca 229

<210> 22320

<211> 333

<212> DNA

<213> Homo sapiens

<400> 22320

caatgtatatt atgccatact agccccctttt tgtgattgat tgattgagac agggctcttgc 60
tctgccacac aggcggggagt gcggcgatac agtaatgggc tcagtcccac ttgagcctcc 120
cgagtagctg ggaccgcccgg catgcaccac tatgccacgc taatattttc tgttattttt 180
gtagagacag ggtctcccta tgttgccctag gctggctctca aactgctggg ctcaggtgat 240
cctcctgct cagcctccca aagtgctggg attacaagt tgarccacca tggctggcca 300
cctttttgtg atawttgaac tccagcaata ttt 333

<210> 22321

<211> 210

<212> DNA

<213> Homo sapiens

<400> 22321

gcttttggtaa tggctcattc gggccgagag ggaaattctg caattctcca acccacacct 60
ccagtaaggg gagagctgct tgagtgggtga gcacaagctg ggcacctccg gcgtctccag 120
gaaacgtgaa taggcccttt cttcggaggg cacagaactt caggatcagg gcccaatgga 180
gactgagcgg acttaacctt aactgtgctt 210

<210> 22322

<211> 168

<212> DNA

<213> Homo sapiens

<400> 22322

taatctgata ttaaagtagt atttggaccc agagccagaa ctcggtggtg gaggctgctg 60
gtctctcctc accaccttct tttgcatttg gaaagaacag caacatcttg atagagtctt 120

agctttgact tctcatttcc ttgtcttttt ggggtgcattc ctcagcac 168

<210> 22323

<211> 421

<212> DNA

<213> Homo sapiens

<400> 22323

cccttaaaat	tcattttgag	gtgtatgtta	tacacacagt	aaatttttgt	tcaggaatga	60
cttgctcatt	ctgtgttttt	aaaaatagga	aataaggcat	agtgagtcac	cattacatca	120
attaaccaa	aaatatttca	tccccctcgt	cactgaaatt	atctacttca	gccacctttc	180
ttattctcgt	gttaggaggg	cacgttttat	gactttttta	tttccatgtg	ccatattgtc	240
cactaccggc	agtagccaaa	gctagctgtt	tcagtcccac	agaagagaca	gtgctctgcc	300
atgatgacag	ggcactgcta	gggctgggtt	ttcttggttt	tcccttttgg	cagtgtggac	360
ttcaggaact	agatgtatat	gcacaaggga	ttgagtttac	actaaaacta	ggaaatggag	420
t						421

<210> 22324

<211> 128

<212> DNA

<213> Homo sapiens

<400> 22324

aatgattatc	ttgtgctaaa	agcatattat	twcaggttca	acaattcctt	tagcttcaca	60
cctgtttcct	tttattcagt	taaattccag	aaagaaaatt	taaacatttt	aattttaata	120
gcacgtac						128

<210> 22325

<211> 227

<212> DNA

<213> Homo sapiens

<400> 22325

gacggtcacg	gcgcgcggg	ttagaacaag	gacgcgcgc	cgggactccg	ccgagtcgca	60
gctacgccca	gcggccggag	cgagttgcag	ctttttccac	aaccatcgaa	ggctactctg	120
atgttgaatt	agcaggataa	actgaagata	acaccttgca	gaagcagatc	tcaattaaca	180
actgatggaa	aaaagaggaa	actgaagagg	ccaaaagaaa	gggacac		227

<210> 22326

<211> 368

<212> DNA

<213> Homo sapiens

<400> 22326

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tgaaaagaat	atgacttcc	attgaatcat	ggactccatt	ataggctttt	ctaataataa	120
tcgtaaggag	aacaaagcct	caagaaatct	gttctcttta	ataacacagg	gtttgataaa	180
ttagtatgat	agaatcaagc	tggtgtagtg	cttaatctca	caaggtagtc	attttctttc	240
atacttttct	tttcaaaatc	acactctgat	tcccatatat	tatttcctgt	gagaaatcat	300
aacatatttt	ctatgtaatt	aaaactttcc	tgagttcact	ggaacacaga	gtgacatcta	360
aatcaatt						368

<210> 22327

<211> 207

<212> DNA
<213> Homo sapiens

<400> 22327
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attcgttgtt acagaaattc tccaggtggc tccaggcacc ttgactatgt ttttcattta 120
gcagaaactt aagagcaatg aaggtgattt tactgagaga ctccatctta attctcagat 180
catctagaca tttaggaaaa gccacc 207

<210> 22328
<211> 76
<212> DNA
<213> Homo sapiens

<400> 22328
tgtaggttt ttaaaaagta tcttgatggt tcttttctat ttataatttc agactttcat 60
aaagtgtacc aaggtc 76

<210> 22329
<211> 220
<212> DNA
<213> Homo sapiens

<400> 22329
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ttctctgatg atcaatgatg ttgagcacct tttcatatgc ctgtttgcca tttgtatgtc 180
ttcttttgag aaatgtctat tcagatcttt tgcccaatcg 220

<210> 22330
<211> 288
<212> DNA
<213> Homo sapiens

<400> 22330
agaaaagaag atccatttta atatttccat ttggaagaaa tactttgttt tccagctctt 60
taaaatgaag aacctgattg caaatctctg aaataaagac ttgctccaaa ccaggggtga 120
taagactata agtccaactg agaacctgac aacaaaatta tctgccc aaa atgatatgtc 180
ttgtcaagg tagagtcaga accagatctg aggtctcctg actttcagtc tagtgtcttt 240
cctctacccc ttctgtccca tcagtttcta cttgagtcta gatgccac 288

<210> 22331
<211> 488
<212> DNA
<213> Homo sapiens

<400> 22331
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gctggtctct gggctggggg ccccggggc tgggcccggc aggctggacc ataccccag 120
tccaccagct ccagtctcca cagccatcct ggcccacaca ggcaccccac acaaacctat 180
ttattgaatc tgctggacct aagcggctct ccagcccttc cgtccttccc cagccgctct 240
tgtgccttg gcaggacttg actctgctc cctggccagc cttgcaagag gactggggtc 300
tcttgccctc tctgttgagc caggaatccc aagtgagggg ttgccctgag gtctgactct 360
tggggcaagc ccgccacca ctgtgggact ttctggtggg ctctcagct cccaccccag 420

gctggggccc agattgtgag gtctgtgtgc atgtgtgtgt gtatgtgtgt gtwcatgcgt 480
gtgtgtgt 488

<210> 22332
<211> 125
<212> DNA
<213> Homo sapiens

<400> 22332
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atTTTTTTTT ttgaagggt agtttagagg gtagggggag cccagagttc tgaacagcta 120
gtccc 125

<210> 22333
<211> 291
<212> DNA
<213> Homo sapiens

<400> 22333
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gacgcgcgg gctgcagctc tgggatgcaa tccgcctgcc tcgcaagctg ctgcgcgctg 120
cgctggcagc gcttacgctg agctcggagg atcccattag gacttgcccg gggatgtgca 180
cctgccgtgc gctccgaggt cagtggcagg tctgcaggca gccgagggag cggatgaagcc 240
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<210> 22334
<211> 155
<212> DNA
<213> Homo sapiens

<400> 22334
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gtttagcaa caagaaatta atgctatttt ggaactatag tagcttgata accttttata 120
atgtatttta aaaaaattaa tatgtggagt aggca 155

<210> 22335
<211> 352
<212> DNA
<213> Homo sapiens

<400> 22335
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tgcaaaacttg gctcactgca acctccgtct cccgggttca agcgattctc atgcctcagc 120
ttcccaagta gctagaatta caagcgccca ccaccacacc caactaattt ttgtattttt 180
aggagagacg ggttttcacc atgttagcta ggctgggtctc aaactcccga cctcaggtga 240
tccacctgcc tcggcctctc aaagcgttgg ggttacaggc gtgtgagatc aactttttta 300
gattccgcac atgagtwaga tcacgtggtg gycggctgtc tatgcctggc aa 352

<210> 22336
<211> 468
<212> DNA
<213> Homo sapiens

<400> 22336

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tcctgccctt	ggactgggat	ttacaccctc	agcctctggt	tctcaggcct	tcagacttgg	180
actggaatta	tactcttggg	ctcctctcca	gtttgcagac	agcagatcat	gggacttgat	240
ctgctdgcct	caataatcac	gtgagccaat	tcctcataat	aaatgtgtgt	gcgtgtgtgt	300
gtgtgtgtgt	atttatatac	acatacctcc	tattggttct	gtttctctgg	agaaccctaa	360
tacagaggtg	acctattttg	tagagcgtga	cagtcgcgatc	aaaaagactt	gtcaagccat	420
taagaaagat	gattacaatg	ctatatagca	agctggaaat	tgatcaca		468

<210> 22337
 <211> 414
 <212> DNA
 <213> Homo sapiens

<400> 22337	
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gataaccata	atgaaaactt
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aaaatgaagg	aaaacacttg
taaagtgaag	caaaaggaca
aggaaatgga	aaataggggt
120	
gaaaagataa	aattagagga
ccagtccggg	aagcttagca
tttcaataat	atttctaaaa
180	
agagtgaaca	ggccactttg
ggaggccgag	gtgggcagat
tacctgagct	caggagttcg
240	
agaccggcct	gggcaacacg
gtgaaaccct	gtctctacta
aaatagaaaa	aattagccgg
300	
gcgtggcagc	gtgtgcctgt
agtcccagct	actcaggagg
ctgaggcagg	agaattgctt
360	
raccagggac	gcggagggtt
cgggtgggccc	agatcacgcc
actgcactcc	agct
414	

<210> 22338
 <211> 134
 <212> DNA
 <213> Homo sapiens

<400> 22338	
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cagagaaccc	gagagggacc
ttcctcgtgc	gagaaagtga
60	
gaccacgaaa	ggtgcctact
gcctctcagt	gtctgacttc
gacaacgcya	agggcctcaa
120	
cgtgaagcac	taca
134	

<210> 22339
 <211> 189
 <212> DNA
 <213> Homo sapiens

<400> 22339	
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gttcatctgg	gtgtgtcttg
atagtgccat	catccttaaa
60	
gtatagtttt	gtcaaatata
aaattcttga	ttacaattt
tttcttttag	caatttaaat
120	
gttttcccac	tgccttttgg
cctccatggt	ttctgatgag
aatcagctgt	taattttatt
180	
gaggatccc	
189	

<210> 22340
 <211> 83
 <212> DNA
 <213> Homo sapiens

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caa	
83	

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<211> 293
<212> DNA
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ccggtggctc caccgcagcg tctggcgcgc tgggacctgc acaggccgga gagagccgta 180
gaggaccccc ggacacctg gaagccagga aatgacggag tttcgctctg tgcgccaggc 240
tggagtgcag tgggaagatc tcagctcact gcaaccttcg ccttcggggt tca 293

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<211> 102
<212> DNA
<213> Homo sapiens

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acatatgtat cattcccttc caaacttttt tttttttttt tt 102

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<211> 339
<212> DNA
<213> Homo sapiens

<400> 22343
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atttccttct catgaagtcc catctggtca tggggacga 339

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<211> 195
<212> DNA
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tccccagcaa gtgcccttgc tgctgtctca gatattctgga cattcacccc atccaaatag 180
aggcttctct tccgc 195

<210> 22345
<211> 257
<212> DNA
<213> Homo sapiens

<400> 22345
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cttttcattt ctttcaggat ctctcttgaa gcacaatttt ttaaaatttt gatgagggtcc 180
aaattgttaa tttttttctt ttatggactg tgcttctgtg atcatatcta tgaaatcttt 240

gcataaccta aggccat 257

<210> 22346

<211> 118

<212> DNA

<213> Homo sapiens

<400> 22346

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gagcaccag ctatgatttg taatttgtgg tccatgggag gggcttgaag gaaagacc 118

<210> 22347

<211> 325

<212> DNA

<213> Homo sapiens

<400> 22347

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agaatatatt gtttctgttg tattcttmdt agttctaagt atttatcttg caattgagca 180
tttacaaaa attcctcacg ttgtgagaac ttaaacattt agaaaatgtt tgttttaatg 240
aggctaattcg taatcttaaa tttaaaaaat ttttagttta atgtatacat ataccacaa 300
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<210> 22348

<211> 125

<212> DNA

<213> Homo sapiens

<400> 22348

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gcagc 125

<210> 22349

<211> 353

<212> DNA

<213> Homo sapiens

<400> 22349

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tgaaaatacc atttgatggc acaggacacg tatttgccta gaacagggtt tatttttatg 180
tctgatcgct cagtataaga tctaggaagc aaacaatcca gaactctgaa caaacattct 240
gacagcctga aacggaatac tcaggtgagg ggaggaagag gaggcaaac aagagggttg 300
acagggaaaag gcatcagttg ggctgttctc cccagggttt cctcttagt att 353

<210> 22350

<211> 184

<212> DNA

<213> Homo sapiens

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actttctgtg cttctcacga ttcaaactctg acttcagttt aaccatttga atatttggcc 120
ttaaatacaa attgatgaca tagtgatgga ttgtgtttta tgacatttat tttatatggg 180
cctc 184

<210> 22351
<211> 429
<212> DNA
<213> Homo sapiens

<400> 22351
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attttgctcg ataattagct agcctacatt tattggctgt tgactatgta ttctactatg 180
catattatag atatctacat acattgaata cattgtctta tctccctcc tagagtgtaa 240
atttcttaaa atcaaggaca aagcattatc tgcctttgcc tctccttcgt gtagtgcctt 300
gcacttagta agtgctgaat aaatgaggcc atcactgtga ttatcactcg acttgaaata 360
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tcatttcca 429

<210> 22352
<211> 431
<212> DNA
<213> Homo sapiens

<400> 22352
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aacttttagtg tatttattta tctcgttact ttttttctaa ttttatatga aatgtgaaag 180
gtctttatatt tggtttggtt tactttgggc tgctaaccac cagtgttagg aattaatgta 240
gggcaccctc ttattgggaa tgtcactgta attgcctaca ttttctttgc tgtaatatta 300
cntgcttata ggttgtcaac ccattttatc tgaatttgaa aatctatcta ggkttccaga 360
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<210> 22353
<211> 243
<212> DNA
<213> Homo sapiens

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caagcaacta gaatcacaga gaagcvtatt tatgagccaa tcagagattg cagtgtggtg 180
cacacagcag cagacacaac agaagcagcc ctgttttact ggagatgcaa atataagcag 240
gct 243

<210> 22354
<211> 127
<212> DNA
<213> Homo sapiens

<400> 22354
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acagagaagg aagttacag aagtgtagtg gtcggacccg agcctcgagc tcagtacacg 120

cggggta 127

<210> 22355
 <211> 325
 <212> DNA
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<400> 22355
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 cctatgagac cacagctggc ctctaaccct tgttgctcctt gggccctgac aggtgaagca 120
 actcgtgccc atccgcgac aatccctgca ggaggagctg gctcgccagc atgctaacga 180
 gcgtctgagg cgccagtttg ctgcccgaagc cadtgccatt gggccctgga tccagaacaa 240
 gatggaggag attgcccgga gctccatcca gatcacagga gccctggaag accagatgaa 300
 ccagctgaag cagtatgagc acaac 325

<210> 22356
 <211> 292
 <212> DNA
 <213> Homo sapiens

<400> 22356
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 gctggcaaaa atgcttgaaa cctctatatt tctttcgttc ataagaggta aaggtcaaat 180
 ttttcaacaa aagtctttta ataacaaaag catgcagttc tctgtgaaat ctcaaatatt 240
 gttgtaatag tctgtttcaa tcttaaaaag aatcaataaa aacaaacaag ga 292

<210> 22357
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 22357
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 ctcccgggag gagaacgggg aggtgaagcc gctgccccga gataaaatca aagacaaaat 120
 taaagagaga gacaaagaaa aagaaagaga aaaaaagaaa cataaagtaa tgaatgagat 180
 caagaaagag aatggagaag taaagatttt gctgaaaagt ggggaaggaga aacaaaaaac 240
 aaatatagaa gacttacaaa ttaaaaaggt aaagaagaaa aagaaaaaga aacacaaaga 300

<210> 22358
 <211> 117
 <212> DNA
 <213> Homo sapiens

<400> 22358
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 atatttttagg catgattgaa catggtctca gtgactgttc tcagtataga ccccggg 117

<210> 22359
 <211> 114
 <212> DNA
 <213> Homo sapiens

<400> 22359

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<210> 22360
<211> 161
<212> DNA
<213> Homo sapiens

<400> 22360
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agctcaagtc cccgctgggg aaggggcccg tgaccttcag ggacccgctg ctgaagcagt 120
cctcggacag cgagctcatg gccagcagc accacaccgc c 161

<210> 22361
<211> 129
<212> DNA
<213> Homo sapiens

<400> 22361
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cccctgaaca agctgcaatt ctgtgcctgg gcttttctga ctgcaaaatg aggataatca 120
cagcccat 129

<210> 22362
<211> 382
<212> DNA
<213> Homo sapiens

<400> 22362
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ttcgattaat aacagacatt agagaactgc tgtaccagc actgtactcg gtgctgggga 120
agcagaactc agtactagtg tcaaagacct ttgactcca acatttggtg tggtattggt 180
gttggtatta ttattgttgt tattattttg agacagagtc ttgctctgtc acccaagctg 240
gagtgcagtg gtgcaatctc agctcacggg aacctccgcc tcccaggttt caagcgattc 300
tcctgcttca cctcccaag tagctggcac tataggcgtg tgccaccacg cctgggtaat 360
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<210> 22363
<211> 181
<212> DNA
<213> Homo sapiens

<400> 22363
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aaatagtgtg taaataaaat aacatcagt tgctttaaag aaatgtgtat gtagtgccgc 180
t 181

<210> 22364
<211> 109
<212> DNA
<213> Homo sapiens

<400> 22364

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atgatgtcta ataaatctgt gacaaaaaga aaaaaaatc agagccggg 109

<210> 22365
<211> 313
<212> DNA
<213> Homo sapiens

<400> 22365
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aaaaaagaaa aagttgggtga ttgcattggg aaattcccag ggtattactg gacctatgtg 180
gtgtattgtt aaaccagtgt ccttgtgata ctgttgctct tgatgttcct gatacaggta 240
aggaaacagt tggtaactc tgatacaaag tatatatata gttcagtatt gtctctgttc 300
attttgtttt tat 313

<210> 22366
<211> 96
<212> DNA
<213> Homo sapiens

<400> 22366
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cattttttga gcacttctta ccaaccagta acccat 96

<210> 22367
<211> 235
<212> DNA
<213> Homo sapiens

<400> 22367
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tatctttttt ctgctgccgc tccgggtccg ggccattttc cgggcccggc gcactaaggc 180
gcgcggcccc ggggccagc atatgacctg ccgtcctgct atccttcgca tcccc 235

<210> 22368
<211> 484
<212> DNA
<213> Homo sapiens

<400> 22368
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gatagtgtca tagtgccatg gaaggtgatg tgtgtgtcag atacaatgat agtgaaaaga 120
agggattgga attttcatac ctgtgtcagt ctaaatagac attaccttgt ctgaattgtc 180
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gtggcctcca aggggaagag ggcacacagg atggctgggt ggggttggga agaaaagatt 360
aggcctttga tttatattca ttttgaggct cagccttatt tagtttctca ctttggatgt 420
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aatt 484

<210> 22369
<211> 439

<212> DNA

<213> Homo sapiens

<400> 22369

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tgcgtgactg ctaaggactt ccaaagtggc tagtccaatg tcaggtatgc tgcaagtttc	180
aaacacacac tggatttcaa agactaagcc aaaaaaatgt aaaatacatc tcaatatttt	240
ggttatactc ggttaaagaa aataaaaaatt atttttgcct ttttatgttt ttaaaagtgg	300
cttctggaaa attttaaatt acatgtatga ctggcatcat ctgtctttgg ccagcactag	360
actagaataa taggttttat aaagatgtct attgttatac taaaagtgtk acgtaaactt	420
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<210> 22370

<211> 116

<212> DNA

<213> Homo sapiens

<400> 22370

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<210> 22371

<211> 84

<212> DNA

<213> Homo sapiens

<400> 22371

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<210> 22372

<211> 426

<212> DNA

<213> Homo sapiens

<400> 22372

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tgtagttgga tttattattg tttttaaatt tctgcagaca acacttcccc tgttgcctac	180
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ccagakaavw wtcaggtttt tgtaacactc ssatagtaac aaaattaaca atagactgtt	300
gtacaattca atacgtggaa aatgataaaa tatacaatcc atatactttt ctttaaaaaa	360
tgacaatgta ttccagccaa cagaaacaac tcaaaattgt aaacttaaga atgtggaaga	420
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<210> 22373

<211> 121

<212> DNA

<213> Homo sapiens

<400> 22373

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<210> 22374
<211> 133
<212> DNA
<213> Homo sapiens

<400> 22374
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cctcccatgt gtgggtgttct tctggaggac aagatacaca cacacacaca cacacacaca 120
cacacacaca cac 133

<210> 22375
<211> 402
<212> DNA
<213> Homo sapiens

<400> 22375
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<210> 22376
<211> 375
<212> DNA
<213> Homo sapiens

<400> 22376
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taggcagaag ctccc 375

<210> 22377
<211> 57
<212> DNA
<213> Homo sapiens

<400> 22377
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<210> 22378
<211> 200
<212> DNA
<213> Homo sapiens

<400> 22378

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acagatgggg	aaagtgagac	atgcttgggg	tcacatggcc	aggacattcc	cagatgtgac	180
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<210> 22379

<211> 149

<212> DNA

<213> Homo sapiens

<400> 22379

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taagagatta	aaattaattt	ggttgctgtt	ggttctgaac	aaataatgag	ttcttttatt	120
tgaggtatgc	catttttgaag	actgagaca				149

<210> 22380

<211> 333

<212> DNA

<213> Homo sapiens

<400> 22380

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gacacttctc	agagaatgtg	tattttgagc	cttctaacca	cagatctgct	gaggaaggct	180
ttacctttac	caccttttgg	aacaggggtt	ctcaagctca	agctcttttg	gactggataa	240
cttttggtgt	gggagtctgt	cctgtgcatt	gtaggatatt	tagcagcggt	cctggcctca	300
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<210> 22381

<211> 236

<212> DNA

<213> Homo sapiens

<400> 22381

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gggctcacia	ccctgtgacc	atcaactgtg	caggacccca	gccaaggca	aagcaacctg	180
acatttccct	tcateccggt	gaccgtctaa	aggagaaacg	taggaccccc	cccctt	236

<210> 22382

<211> 367

<212> DNA

<213> Homo sapiens

<400> 22382

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acgcctccca	gccgtgcttc	ctgttaagcc	tgtgaaactc	ctttggaatg	agtacacatc	180
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gcgggagttg	tgtggtggtc	cactctgact	gcaagcacc	ctttcttgaa	ccgaacagag	300
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catactt						367

<210> 22383

<211> 317
<212> DNA
<213> Homo sapiens

<400> 22383
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acaattcttt caataaggtc tttacccctt acttgaaaca ggtgttcacg aaaaaaatgc 180
acaaaatcct gcctggccgg aataattcat gaagaagggg ctggatccgt gggtcagaga 240
acacaggacc agtttgccat cccaaggccg aagattcgag gcacaaaccc agcagcctca 300
acctagttca tggagga 317

<210> 22384
<211> 88
<212> DNA
<213> Homo sapiens

<400> 22384
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ttggattgct gggcctcggg gcacccgc 88

<210> 22385
<211> 75
<212> DNA
<213> Homo sapiens

<400> 22385
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ggaaaaaaaa aaaga 75

<210> 22386
<211> 157
<212> DNA
<213> Homo sapiens

<400> 22386
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gatagcttga gcccaggagt tcgagacctg cctgggcaat atagcgagac cccgttctcc 120
agaaaaagga aaaaaaaaaa caaaagacaa aaaaaa 157

<210> 22387
<211> 209
<212> DNA
<213> Homo sapiens

<400> 22387
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aaggctatct gttctgaggt cgctctgtg gcatgggtgac cgawcagtgg taagcaggca 120
gtwaatacgg aatgcttcct ttctaggcta gaacataagg gactaggaaa ctcgtatatc 180
tttctagcta gctgccgctt ttttaacttt 209

<210> 22388
<211> 357
<212> DNA

<213> Homo sapiens

<400> 22388

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cttttgtaaa	ggagaattat	attgttttaa	gtaaacacat	ttttaaaaat	tgtgttaagt	180
ctatgtataa	tactactgtg	agtaaaagta	atactttaat	aatgtggtac	aaattttaaa	240
gtttaatatt	gaataaaagg	aggattatca	aattcatata	tgataaaagt	gaatgttcta	300
agtctctcaa	actagcgttt	tacgtaataa	gtatgtaata	taaataaact	atggtaa	357

<210> 22389

<211> 99

<212> DNA

<213> Homo sapiens

<400> 22389

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<210> 22390

<211> 67

<212> DNA

<213> Homo sapiens

<400> 22390

cctgatcaaa	tcgtttcttc	tacctaggta	ggataatfff	ttttctttct	wtctttttct	60
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<210> 22391

<211> 363

<212> DNA

<213> Homo sapiens

<400> 22391

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gcttataaga	attgatggcc	ggaattacag	gaagaatcca	gtccaagaac	agacctatca	180
acatgaagaa	gatgaagagg	acttctatca	aggctccatg	gagtgtgctg	atgagccctg	240
tgatgcctac	gaggtggagc	agacccca	aggattccgg	tctactttga	gggccccag	300
cttgctctat	aagcatatag	ttggaaagag	agggacacta	ggaagaaaat	agaaatggag	360
acc						363

<210> 22392

<211> 256

<212> DNA

<213> Homo sapiens

<400> 22392

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atggactcaa	gaaatcctcc	tgctcggcc	tcccaaagtg	ctgggattac	aggcgtgatc	180
cagtgcacct	ggctgttttg	tgtatgttgc	gccascttgc	atcccaggaa	taaagcctac	240
ttaatcatgg	ggtcaa					256

091765-0540

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<212> DNA
<213> Homo sapiens
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<212> DNA
<213> Homo sapiens
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<213> Homo sapiens
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<210> 22397
<211> 400
<212> DNA
<213> Homo sapiens
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<210> 22398

<400> 22412
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cacagagccg gagctggagg tgctgtcccg tctggcggcg atcccc 106

<210> 22413
<211> 202
<212> DNA
<213> Homo sapiens

<400> 22413
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ttgtcgcacc agcaactgac aggagcttgg gagctcggga gcttgggaga gggcttatgt 180
ttttaataat gtagctgcca ga 202

<210> 22414
<211> 128
<212> DNA
<213> Homo sapiens

<400> 22414
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tgacacctac tttctagatg gggaagcagg cagaggggtt gactagtctg cccaagacca 120
cacagccg 128

<210> 22415
<211> 181
<212> DNA
<213> Homo sapiens

<400> 22415
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tcaatgcaac ttatgagttc ttgttaaagg ttatatgaaa aaaccatcag ttaagtgcc 120
tttatcaact gaatagacct tctaagaaga atgcagtttg gcctcttttt tttttttttt 180
t 181

<210> 22416
<211> 423
<212> DNA
<213> Homo sapiens

<400> 22416
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tgccgctgca cctggacagc gtggacgccg tgtacgagcg caccagcgac cacaagatcg 180
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gcctcatgga gggacggaga gggccagcc tgctgttaag ccctacgtct gccacagaggc 300
tggtcgagca cagagcagct ggtttgcttg tgcaactcagc agatgcactc tgagcaccta 360
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cct 423

<210> 22417
<211> 230

<212> DNA

<213> Homo sapiens

<400> 22417

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catcaggaca	ccccagtgag	gctctccctc	agcaaaagtt	catctttctt	cccatagbng	180
gcactattct	gaattttgat	cattattgtc	ttaatttttt	tactacccat		230

<210> 22418

<211> 336

<212> DNA

<213> Homo sapiens

<400> 22418

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aacattgttt	ttacaaaagt	ttgtgcttat	cattgcctgt	tttatcatgt	tagtttcctt	180
ctgaggcatg	gcctagaagc	aggccttctg	aggaaagccg	taaacagtgc	ctctctgggg	240
tgggcctgct	gttggcagct	ttagtgatcat	ctggaagctt	gtttaatgca	aattctcagc	300
cccaccccag	acctactgga	tcagaatcta	tgggggt			336

<210> 22419

<211> 188

<212> DNA

<213> Homo sapiens

<400> 22419

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tgtctcctct	gctttatgac	ccattttgaa	ctcaaataag	aaaattgctt	gactttgctt	120
ttggtctaac	atcattttca	tagtctaaaa	taaacataaa	ataaacagca	agtaataagt	180
catcagct						188

<210> 22420

<211> 423

<212> DNA

<213> Homo sapiens

<400> 22420

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cttcaaccgt	aagttgggta	tattaatatc	cttacctcaa	aaggatcatga	tgattaagtg	180
agtbaatgca	tgtaaaatgc	cttctgtgcc	gggcagtcag	aaaccactca	ataaatattg	240
attattctca	ccaaagatgt	gcttcctgac	ctcaaaagcc	tgtcagccta	atataaagac	300
agtgtgacaa	atgccaatcc	tgctcaggga	catcttgac	ttgctgatcc	ttctgtctgg	360
aacatgcttc	acttgattc	ttttgtggct	tccactctcc	cctctgttgg	gcctgaaatg	420
cta						423

<210> 22421

<211> 350

<212> DNA

<213> Homo sapiens

<400> 22421

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 cgcgagasva ndgggacggg tgagaggaat gcttagcgga gacggactgg aggtgcmungg 180
 agaggaaagg ggaacggagg ctggatctcg ggaaacctcg tcggcagtgt cattagagga 240
 aggatcgctg gtctcgggga tacggatttt ggaggaaaag cagaataggg acaaaggctt 300
 cccaggtggc ttcccctctt cccctggggg ctgatttcca ctgagcagcc 350

<210> 22422
 <211> 116
 <212> DNA
 <213> Homo sapiens

<400> 22422
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 tcaaatacaa ttagaaagta tatctcatga aaatcttaat gaaagtgatg ccacam 116

<210> 22423
 <211> 72
 <212> DNA
 <213> Homo sapiens

<400> 22423
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 tccggaccag ca 72

<210> 22424
 <211> 116
 <212> DNA
 <213> Homo sapiens

<400> 22424
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 cctggaaggg cagcaggggc ggcacggggc gcctgagcgt ggcacgagca ccccaa 116

<210> 22425
 <211> 357
 <212> DNA
 <213> Homo sapiens

<400> 22425
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 caatagcaaa gatatggaac caaccgaagc gttcatcaat ggatcaatgg ataaagaaaa 120
 cgtgggtgat atacaaaatg gaacactatt cagacataaa aaagaatgca actatgtcat 180
 ttgtggcaac atggatagaa cttgaggtca ctatcttaag tgaaataggc cagggtatata 240
 aagacaaata tcacatgttc ccacttacat gtggaaacta aaaaatggga aaacatggag 300
 gtagagagtg gaaagatgga taacagagcc tggaaagggt gagtrggaag ggaggaa 357

<210> 22426
 <211> 71
 <212> DNA
 <213> Homo sapiens

<400> 22426
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catgacccag t 71

<210> 22427
<211> 366
<212> DNA
<213> Homo sapiens

<400> 22427
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gtaaaagtag agagagattt aggaggtctt aagcgtttat agttcttatt tataaaattg 120
ttgttgggat ttaaaaaatg gatgttagat atgacattga ctcagatctg tgtaacaaaa 180
gaaaaagtgg ttttgaaact acttttagtca aaatagtaca gcagttgttt ttgtggaatc 240
ataggaaagg tgttaacttg agtaaggaca ttccccagga acatgtcatt ttctgtgaaa 300
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attaga 366

<210> 22428
<211> 116
<212> DNA
<213> Homo sapiens

<400> 22428
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gttattagcc gcgtgactkt ggccaaatta ctgcacctct ctcaacttcc cgaacc 116

<210> 22429
<211> 304
<212> DNA
<213> Homo sapiens

<400> 22429
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ctggacaagc tttcctccat actgctcttg aagttgccgg gagcggctct tagacagagc 120
tgggaaatgc tatttccctt gtttgatgag tgatctgtgg gttcatcgcc tcgagcaaaag 180
atttgctctc tcgaaagcct ccattttata tcatcaagca cagtgcacaa taggttaacc 240
ttaagtaccg tctattctct cacagacgtt ggaatgaaat agatgtgtta ttaaaacagt 300
gccc 304

<210> 22430
<211> 112
<212> DNA
<213> Homo sapiens

<400> 22430
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aaaaagcctt aagaggaccg aagggwagga aaggaaaagg atggacaaca ca 112

<210> 22431
<211> 188
<212> DNA
<213> Homo sapiens

<400> 22431
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ataagctgca tcttgatgcc ttcccctgtg tgcaaggaat atagaacccc gcaactgtaat 120
agcatgtaag tgtgtgttct tgtctctgaa agcacagtga tataaccttt tgccattgcc 180
aacaatgc 188

<210> 22432
<211> 256
<212> DNA
<213> Homo sapiens

<400> 22432
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tgtgtggcctt attctcacag ttctggaggc tggaaagtcta ggattggggg accatcatgg 120
tttctggtga gggccctctc cctggcttgc agacagccac attctcacgg cgtcctcacg 180
tggcccttcc tcagtgtatg caggtggaga gagaaagctt tgatgtccct ccctgttctt 240
atagagccaa tcaccc 256

<210> 22433
<211> 469
<212> DNA
<213> Homo sapiens

<400> 22433
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ctttaccagc catctggcta acacctaaaa ctaaccatca caaggaggat tatggagagc 120
tctccacgtg cctacatttt cataacctaa tgccatttgt ctggatataa aactttccaa 180
aatatttgtc tggagagaaa ggcttactgc atcagtgcgc gcatgcagtg gtttgcctta 240
atgcctcact tacatcagtc gtgcactgct gccttcttgc tatgcttgca tactactgaa 300
tgtagcatg ataaattaaa tgggcgtttt tctttattcc aaatcagtcg cagagatcaa 360
aaagctgcta aaagtccttt ccacaagaac gcctctcaga aaatgatgag ttatagtatt 420
tctcgccaag agatgccttc tgttgtactc tatcacttcc tacgatcca 469

<210> 22434
<211> 376
<212> DNA
<213> Homo sapiens

<400> 22434
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gcctttgttt tatgaaatta taacaacaac agttatcagt aagactttag tgcttcagag 120
agatgttgga cctcagataa gacacaaaag gagatctcac ttagccatac cctcagcctg 180
caactagctc tgcccttagg ctctgggtat ttctgatct ttgggatgct tactgtggta 240
atccgggaac tggttaccag catctattcc ctgggatatg gaagcatctc aggaatagta 300
atgacttata attttatact tagaaaacca ggatgtcagt gtactagggtg actgtggggt 360
gggaagaat attaga 376

<210> 22435
<211> 296
<212> DNA
<213> Homo sapiens

<400> 22435
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tccattcggt caatattatc tcatttaacc ctccctaatct aattagggag atagttctat 120
ctccacttta ccaacgagga aactgaggct gggagcagtt caaaataaaa atccatgtcc 180

acggtcacac agctcagcaa gtgggatttg aaatcgggtc tttgtaactc cagcttccca 240
gaaccacac gcttagcgac tgtactccac ttcctactca gaaccttccc aacaca 296

<210> 22436
<211> 240
<212> DNA
<213> Homo sapiens

<400> 22436
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acctcacata gttatcattt ctgtgatgag aatactttac accaactctc ttggcttttt 120
tcaaaaatac aatgtattat taactatagt caacatgttg tacaagagat ctgttgaaat 180
ttactcctcc tatctgaaat tttttatact ttgaccaaca tctccccaac ggccagccac 240

<210> 22437
<211> 147
<212> DNA
<213> Homo sapiens

<400> 22437
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atccacctgc ctcggccttc caaagtgttg ggatcacagg catgagccac cacagctgac 120
tgatcctggt gagttttaag gccattt 147

<210> 22438
<211> 224
<212> DNA
<213> Homo sapiens

<400> 22438
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cagttttttc agaggattgt ataaaggggt ttctcccctc actgggtggtg aatgtgtgat 120
gttacattgt aatctttgtg ctgtatgggt tgagcatcat tatatatttt gtatgtgtac 180
ataaatagca aagtggcaaa aaaaattggt gtttaagttca ccca 224

<210> 22439
<211> 342
<212> DNA
<213> Homo sapiens

<400> 22439
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ttgactttgt ataaacctca ctgtgccatt taagtataaa atattggtgc atgaactggt 120
ttgactttct gctgagaact gctaaaagcc ttttaataga aaacaatagg gaatgtcaaa 180
cattgaatca cgatctcact gaagcaattt ttcttagaaa gactttcatc acacagaagt 240
tttatccttg ctcaaatttt gccagaaatt atgtctggtt aaaatctatt gtgatgcctt 300
gtgcagcttg ttacccaat cttttatgaa taaagggcag ca 342

<210> 22440
<211> 192
<212> DNA
<213> Homo sapiens

<400> 22440

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cataactctga	aaatgtgtta	tctaccatgt	ggcattttcca	agtgtcattt	cacctgtact	120
ttttaaaagta	gggtgtcata	tctactcaaa	taggacaaca	tctgctgttg	tcctatattat	180
gcagggtcga	tt					192

<210> 22441
 <211> 238
 <212> DNA
 <213> Homo sapiens

<400> 22441						
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aggttgtgta	tgctctgaat	cagtgttcaa	tatatggtac	tgtttctccc	atagccagga	120
ttcatgggtc	caggaatcaa	ggggtagaag	tggaagtggc	actacttacc	gtaacgcca	180
atgatccact	agcaaatatt	tgcttcctgt	tcctgtgaca	ttacattctg	atggccta	238

<210> 22442
 <211> 167
 <212> DNA
 <213> Homo sapiens

<400> 22442						
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gggattgagg	gtgggggggtg	tgctgggtgt	aatagagaca	ggtttttctc	ctttggagaa	120
ttccccagta	tasnttctgt	ccttgaaact	tgagtwcag	aggagca		167

<210> 22443
 <211> 157
 <212> DNA
 <213> Homo sapiens

<400> 22443						
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aagaaagaag	gcctgacata	aaaatgcctt	tgctctttat	ataatcaaca	ggctcccagg	120
aaaacttttc	ttctcctttt	gtgggcatga	acacggc			157

<210> 22444
 <211> 255
 <212> DNA
 <213> Homo sapiens

<400> 22444						
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tgtwccacaa	gatataaaca	cattcatcac	agaaaacaga	tattaaacca	gggtacaaag	120
attgactttc	caggagcaag	gaaatcctgg	aatgcaggca	tgttggatgc	tatgacttcc	180
actgtgggtt	ttcttaggct	ccattagaca	tttaaaagcc	agtggcttca	aaggtcacat	240
ctgtaatcgg	caact					255

<210> 22445
 <211> 139
 <212> DNA
 <213> Homo sapiens

<400> 22445

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gaaaaaaagt	ggagttttca	tgagtnatag	taaatccac	gattattaag	aaattcaata	120
aaacatcctg	cgcaacaag					139

<210> 22446
 <211> 144
 <212> DNA
 <213> Homo sapiens

<400> 22446						
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gatagcttga	gcccaggagt	tcgagacctg	cctgggcaat	atagcgagac	cccgttctcc	120
agaaaaagga	aaaaaaaaaa	caaa				144

<210> 22447
 <211> 263
 <212> DNA
 <213> Homo sapiens

<400> 22447						
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ttatatgtgt	gtgtatgtgt	acacacatgt	ataatatata	cagaaacctc	gatataataat	120
tgtatagatt	ttaaaagtgt	tattttttac	atctatggta	gtttttgagg	tgccatttat	180
aaagtattac	ggaagtgtgc	tgtttttaaa	gtaaatgtct	tttagtgtga	tttattaagt	240
tgtagtcacc	atagtgatag	ccc				263

<210> 22448
 <211> 233
 <212> DNA
 <213> Homo sapiens

<400> 22448						
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gacttcagtt	acacccccag	ccccaggagg	aaagcattag	ccttgaatcc	tcaatcccag	120
gccctctact	aaccactctc	aacctatggt	atttatcttt	tgattattct	gtgcatctat	180
aaaaatggga	ttatattgtg	cagaatgctk	tdtaagcttt	ctctccccac	acg	233

<210> 22449
 <211> 267
 <212> DNA
 <213> Homo sapiens

<400> 22449						
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caggtgtccc	agctccacag	cccctggcag	atcccagacc	ccttggtggc	aggtcccaga	120
gcctaggtgg	taggagcttg	atctttgttt	ctgcccttac	ccctcagtag	tggggctgcg	180
aggtagtaga	caggatgccc	agttaagttt	gaatttcaga	tagaaaaata	ttttagaata	240
aatatgttct	atctaataca	tggggat				267

<210> 22450
 <211> 186
 <212> DNA
 <213> Homo sapiens

<400> 22450
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 agaact 186

<210> 22451
 <211> 280
 <212> DNA
 <213> Homo sapiens

<400> 22451
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 cctgccgtcc ctgttcggcg cccgggaccc tgccttcccc cgtggccgca ccgagacgag 180
 ggagcctgtc acgcgctctg gcgctctcct gacctcttaa ggctctgtca gtcttaggta 240
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<210> 22452
 <211> 185
 <212> DNA
 <213> Homo sapiens

<400> 22452
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 ggcttcagta tactgttatt tcaggaatga ggcccgcaca aaataaaagc atttgagaaa 180
 cggat 185

<210> 22453
 <211> 129
 <212> DNA
 <213> Homo sapiens

<400> 22453
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 aagcgggca 129

<210> 22454
 <211> 169
 <212> DNA
 <213> Homo sapiens

<400> 22454
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 agtntctgta tccatgaaga tccccaaagt acatataact ggccctaga 169

<210> 22455
 <211> 276
 <212> DNA
 <213> Homo sapiens

<400> 22455
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 cagagcttta atctaatact tagacaaact gagcttctat accaagggaa aagctattta 180
 ctttaaggct cagtttggtta aaaaggcttt tgaaaaactg agtgaaagga aaaggactta 240
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<210> 22456

<211> 250

<212> DNA

<213> Homo sapiens

<400> 22456
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 cttgweccct gcccttgcc ctgcttctgc agaagatttc aacactacac ttgcacaatg 180
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 aaagccgtga 250

<210> 22457

<211> 312

<212> DNA

<213> Homo sapiens

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 ccagcagcct tgtcctatgg cccctaattt ttctggggaa tggccttaaa tgtttaaggt 180
 ctagctttgc tggcagcttg atgtagtttg caatggtgct agcctgcaga tgagctttta 240
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<210> 22458

<211> 78

<212> DNA

<213> Homo sapiens

<400> 22458
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<210> 22459

<211> 187

<212> DNA

<213> Homo sapiens

<400> 22459
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 aagggtaccc acataagtca cctaccatgg tgcctagcac ataagacatt caggaaacag 180
 gaattgg 187

<210> 22460

<211> 132

<212> DNA

<213> Homo sapiens

<400> 22460

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ccacggggga	cc					132

<210> 22461

<211> 404

<212> DNA

<213> Homo sapiens

<400> 22461

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cacttaggat	gattccatat	cttggtatt	gtgaataatg	gtgtacctaa	catgagagta	180
cagatacctc	tttgacatac	tgagtacatt	ccctttggat	atatactctg	tagtgagact	240
gttgggtgat	atggtagttt	tatttttaat	tgtatgagga	acctccatac	tgttttccac	300
aatggctata	ctaatttaca	ttgctaccaa	cagtgtgcaa	agggtccctt	tctccctaca	360
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<210> 22462

<211> 168

<212> DNA

<213> Homo sapiens

<400> 22462

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atcattcttc	taacatgttt	tggtttctct	aatggttcat	tttcttttag	cttgtgaaaa	120
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<210> 22463

<211> 241

<212> DNA

<213> Homo sapiens

<400> 22463

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tagtagttct	gcctaaattg	ggtgggtcta	gttttctggt	tacttaatca	ccttgacaca	180
ccctagagga	tcacctgcat	tgcagamgta	ttcctcgta	ctccattgga	aagcagcctt	240
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<210> 22464

<211> 367

<212> DNA

<213> Homo sapiens

<400> 22464

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ccgactctct	tctccttgcc	aagcccttcg	aaagttagat	ttctcaccct	acccttgacg	180
ggtggagaga	acacgtttca	aaaaggggat	gcctagaact	cagccgtggg	aagtgcctgt	240

ctaaagcctt gtgctgggtgc cagtagcaaa cccgtgcgcg tgctcgactt tgagcgatca 300
 tggagctctg caaatagctc aactgcagar cgtgcccctt agagctcctg tgctgctggg 360
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<210> 22465

<211> 345

<212> DNA

<213> Homo sapiens

<400> 22465

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 aagaaaatgt tagaggagaa aagagaaaaa tggaataaaa ggcagggaac tgtatgattc 180
 ccttttagtcc cccccaaaat tcatattaac cctaaaaggg gaacatttgc ttaaggccat 240
 cctcaccac ttatgggtcca agtcaaagac agacttagaa aaaatattct cagccactcc 300
 aatagatggt gagataaaca gaaaaaaaaa tatcttgccc gacat 345

<210> 22466

<211> 257

<212> DNA

<213> Homo sapiens

<400> 22466

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 gagtatattc acatagtgga attccttggt cataatgtgt acttaccttc aaattttggc 180
 tggatgccat ggttcatgcc tgtaatccca gcactttggg atgccaaggt gagcaggcca 240
 cctgaagtca ggaggta 257

<210> 22467

<211> 183

<212> DNA

<213> Homo sapiens

<400> 22467

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 ctgttttgac tctttcactg cagtaacctg gctgtggctg ctacaggttc cctcctcatg 120
 ccccttggtc cctttcctg tctgctctcc catgccatgt acacaccac aaccgtcca 180
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<210> 22468

<211> 354

<212> DNA

<213> Homo sapiens

<400> 22468

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 aaaattatat ggtttatatt aaatgcgtac atattgacca atggcctctg aaaaagcaca 180
 ttttagatac tgaaattgaa ggatagaaaa tgcactttca aacatttttt ggaatctcac 240
 cacatatact ttgttagatt tgtgtattgt aggggtgtttg ttttgtattt ttgtattgta 300
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<210> 22469

<211> 57
<212> DNA
<213> Homo sapiens

<400> 22469
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<210> 22470
<211> 407
<212> DNA
<213> Homo sapiens

<400> 22470
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cagggtgcaga atggctcggg gacgggtgggc cagcgcgtgt accagagctg ccgggtggccg 120
gggccctgcg ccaacctcgt aaggactctg atcagacca cctacagagt gtcctaccgc 180
acgggtgacgg tgctggagtg gagatgctgc cctggcttca ccgggagcaa ctgtgatgag 240
ggaacagggt cctgatccag acgccaagag aggattcttg gatttcacac aagaaacaat 300
tcatagctca cctcagcttt gaactcctrr rctcgagaga tcctccttcc tcagcctcct 360
aagtagctgg agaatgcatg aactgcaccg gctcagtgac atgagta 407

<210> 22471
<211> 75
<212> DNA
<213> Homo sapiens

<400> 22471
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aggaaaaaaaa aaaaa 75

<210> 22472
<211> 106
<212> DNA
<213> Homo sapiens

<400> 22472
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ttcccagaag gctgtaatag ctttttttga tactaaggag tgcctg 106

<210> 22473
<211> 243
<212> DNA
<213> Homo sapiens

<400> 22473
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ccaggtcagg agttgaagac cagcctggcc acataacgaa accccatctc taccaaaaaat 180
ataaaaaatt agctgggtgt ggtggcatgc acctgtaatc ccagctactc ggaaggcaga 240
ggt 243

<210> 22474
<211> 269
<212> DNA

<213> Homo sapiens

<400> 22474

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tgccagcagc	accataatt	gcatgaacca	gttcctaaga	gtaactctcc	acccaacct	120
catctatgca	tatttcctgt	tggttccgtt	tctctggaga	accctaatat	gggtaagttc	180
tgttatttsn	mccattttta	tcatggagaa	ggcggggtct	gagaacaatt	tgcttaaata	240
gctggtaagc	agaacctgga	catggacgt				269

<210> 22475

<211> 254

<212> DNA

<213> Homo sapiens

<400> 22475

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aactttctac	tcctctctct	ctctatctcc	tctttaatta	aggtcaataa	ctcttagatt	120
ctaccctac	cctgcctttt	tattttgaga	caggtcctga	ctttgtcacc	caggctggag	180
tgacgtggca	tgatcttggt	tcaactgcaac	ctccaccttc	cgggttcaag	caatcctctc	240
acctcagcct	ccga					254

<210> 22476

<211> 334

<212> DNA

<213> Homo sapiens

<400> 22476

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tgcttgagat	aagagtgttt	caaggacttt	ctaaaataag	cccctaagaa	attccttcac	180
gtccttcaca	catctcatgc	ttttcgtgat	ctatatktta	tacataggca	catatttcta	240
ggaccagggt	tatcactaga	cattcttttag	gactacagca	attcagaaaa	gatactctca	300
aaagactact	tgccctagtaa	cagcatctcc	acca			334

<210> 22477

<211> 226

<212> DNA

<213> Homo sapiens

<400> 22477

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tgtggggcaa	ataatgtaat	aatttaacaa	atgtgtatgt	aaaagtgatt	ataaacctta	120
attcatgaag	ttgaggttaag	ccttgtccca	attgtatttg	ctttccttaa	tgaaatttaa	180
tcatgctcat	cttttttctt	tcctaggata	tagtatcccc	cctcat		226

<210> 22478

<211> 395

<212> DNA

<213> Homo sapiens

<400> 22478

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aagaatgcca	gtgtgtgtgt	agcctccaca	gagaggctgt	tttctcggag	tccagagggg	120
ccgcctgagc	ttctgagaac	tagggaggag	ccatcccagc	catgagcccc	tgtgggaatc	180

tgctgggggc	caagtggcct	ggagtcctca	ggctcccgca	gctgctccgg	agggagaggt	240
gagctcaggg	cagcctgcct	gcagccagag	gtgccgggag	ccccgggcct	gtcatggtgg	300
ccatctacag	ccggcctgar	gcagtyacag	acggatttgc	agctgagcct	gtctatctgg	360
tgtkggaaga	agatggggag	ttacttgtca	rtccc			395

<210> 22479
 <211> 177
 <212> DNA
 <213> Homo sapiens

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cagggggcag	gccctatgga	atactatttc	cattcagtaa	acatccactt	ctaacctgtc	120
atttggaat	tcagagcatg	gtaccttccc	tcctcaacte	tttagtaggt	cccaccc	177

<210> 22480
 <211> 358
 <212> DNA
 <213> Homo sapiens

<400> 22480						
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cgcctcaagc	ccagctgctc	tacagactcg	tcgttcaccc	ggacgccggt	gcccaccgtg	120
tctctcgcgt	cccgagctg	cctgtctcgt	cgtggcaggt	caccgagccg	tcaagcaaga	180
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ataaagtcaa	acaggagcct	gtgattacgg	ttgcgccagt	agaggaaatg	ctttttcakg	300
gcttcagtgc	agagcactat	tttccggttt	cccatttcac	catgatctca	cgtacgan	358

<210> 22481
 <211> 137
 <212> DNA
 <213> Homo sapiens

<400> 22481						
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ggasacccgg	gacagga					137

<210> 22482
 <211> 164
 <212> DNA
 <213> Homo sapiens

<400> 22482						
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ccctgccgcc	gctgccaccg	aagaagcatc	ccagacaccg	ggaagatgga	agatggtacc	120
ccaaagcata	tcattccagat	gacaggattt	aagatggaag	aaaa		164

<210> 22483
 <211> 155
 <212> DNA
 <213> Homo sapiens

<400> 22483

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cagctgctga	ggagacagca	ggcggggact	ggaactctgt	gtgcgagcga	ttcggtgcct	120
ggttttacca	gggccccagg	ggccaaatga	agcac			155

<210> 22484
 <211> 146
 <212> DNA
 <213> Homo sapiens

<400> 22484						
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aaggggcaga	ggcagtgagt	ncagcgtgtg	gacgagggtc	aacaagtttg	ggatcaagcg	120
gctgccgctc	ctccaaaagc	gaccta				146

<210> 22485
 <211> 406
 <212> DNA
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<400> 22485						
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gtcttatgac	tatkttgkt	taatttacta	tgaagaaact	aaaccatggg	ctctgatgtt	360
gtracagata	tctgtggagt	aaattcaatg	tgtcagatgc	tggcta		406

<210> 22486
 <211> 215
 <212> DNA
 <213> Homo sapiens

<400> 22486						
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ttggagaaa	ttccatgcac	tggtgagtag	aatgtgtgtw	ctgcggttgt	tggatgaaat	120
gttttcta	atctgttaag	tccatttggt	ccagggtata	gtttaaatcc	attgtttctt	180
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<210> 22487
 <211> 134
 <212> DNA
 <213> Homo sapiens

<400> 22487						
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cgggtgcagg	gcctctgcgg	gagccctcct	agacctctgc	ggcttctcct	ctaacaatggc	120
cgactcgga	aacc					134

<210> 22488
 <211> 244
 <212> DNA
 <213> Homo sapiens

<400> 22488
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 ctttggtcttc agaggggctg tccacacacc tggccaaact gtcctcaca gccaccttcc 180
 catctgctct cccctgcctt ccttgccctg gctaacccta ctcagccctc aggtctcacc 240
 acca 244

<210> 22489
 <211> 126
 <212> DNA
 <213> Homo sapiens

<400> 22489
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 acgccattct cttgcctcag cctcctgagt agctgggtact acaggcgccc accaccacgc 120
 ccagac 126

<210> 22490
 <211> 370
 <212> DNA
 <213> Homo sapiens

<400> 22490
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 ttcagggtgaa ctttgccacc atatcaaaaa aatgtaaagt tatttcagtt tccgaaacta 180
 atttaaataa gtacttaaat atgtcaatga aaaatggaaa gtatgaattg tgtcttcttt 240
 gaggatcttt ttctttaaaa gatgaacatg attattttta cctgctaaat gtatattttt 300
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 agctaagcca 370

<210> 22491
 <211> 311
 <212> DNA
 <213> Homo sapiens

<400> 22491
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 accaacattc ttagctcaca agctgcacaa acactagcag tgggctagat ttggccatga 180
 gccaaccctt ctaccctaga ctattggcaa agatcaagaa gtatgatagc agaggaaaaa 240
 cagacacttg aactcctctt ggtgggatgt cactggcaca acaaggagtg ggagtagaca 300
 gtggttgcca t 311

<210> 22492
 <211> 314
 <212> DNA
 <213> Homo sapiens

<400> 22492
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 aatcttcaga cagacaatgt cttacgaaga aaatattttg gaaggatttt aagtaaaacc 180
 caaaactttt atttgcatac acttgcatac tgtcagccta gaagacaaac tcagcactgt 240

gtgtaagtya cttttaaaaa ttgactttga atgcctgtat cagaacttat ttggttgacg 300
cggcatacaa ctca 314

<210> 22493
<211> 328
<212> DNA
<213> Homo sapiens

<400> 22493
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caacgtaggg cctaaaggaa acctttctta aagacaggct gaaaccctt caaaggcaga 180
tgaggaggta cagacacgtg accttttggt gcacactgga gctacttgga caagaccagc 240
atgccttgct gcacgtgtgt gtatttctact gctgagaaca tcctttaact tgggtgtgcaa 300
tttgaaagga tgtgaatcat ggatggaa 328

<210> 22494
<211> 255
<212> DNA
<213> Homo sapiens

<400> 22494
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tagatcctgg ccagctcgat tcaaatttga ctttcatttt gaacataata aatatatcaa 120
aagggtgttaa agaaaactga attaaaccca aaattatggt ttcattggtct cttctctgag 180
gattgagggt tacaaagggg gtttagcagat gcgaagtaaa gaacgtcact ttgaaaccca 240
ttcatcacac agcat 255

<210> 22495
<211> 155
<212> DNA
<213> Homo sapiens

<400> 22495
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gatagcttga gccaggaggt tcgagacctg cctgggcaat atagcgagac cccgttctcc 120
agaaaaagga aaaaaaaaaa aaaaaaaaaa aaaaa 155

<210> 22496
<211> 366
<212> DNA
<213> Homo sapiens

<400> 22496
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gttagatatt tttatcattc taaattttct ggacaagagt atgcccttcc agttgatttt 180
tgctgcatta atacaacttg ttagagaaaag aggaagatag cagtcacatc accaatacca 240
cacactttgt ggatgtctcc ttacatgaca cttccagtta gggaaatctg ctagagaaac 300
caacctaatt ggtcacacat actctgatat atgagcagaa ccaaaaatgt aagcatttct 360
gccatt 366

<210> 22497
<211> 292

<212> DNA

<213> Homo sapiens

<400> 22497

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ctgactccag	agctggcccc	ggtgcagatt	aagggttgagg	aagacttttg	ctttgaagca	180
gatgaggccc	tggattccag	tygggtttct	cggggtccat	acaaactgct	gccctacccg	240
accctggcca	gccagcctc	tgactgacgc	atgcccaata	aaccgacccc	aa	292

<210> 22498

<211> 233

<212> DNA

<213> Homo sapiens

<400> 22498

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tagaagctct	ttcgcttggt	cagagggctc	gaggctctaa	caaagtgttt	tacagccacg	180
cccttggttt	gatcttgacc	ctaaggtcac	atcttactgc	cagtgccctg	aac	233

<210> 22499

<211> 415

<212> DNA

<213> Homo sapiens

<400> 22499

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tgtgaaagag	tcttttgtaa	gcttctagta	aataggaatt	gtacctctct	ttacctgac	180
tcacaagggtg	cccagggtag	catggtacat	gtgcttgtgc	ctaaaaagta	gctttggatg	240
atggttggtat	ttgaaaggct	cgcttctcat	atgtgcggat	gaaatatctt	ttcttttcct	300
ggttagtgg	ttttgttgga	agctggatta	tatatgtgca	gtattctacc	tatacagaat	360
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<210> 22500

<211> 111

<212> DNA

<213> Homo sapiens

<400> 22500

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aaaaaagatc	tgaagcaaat	gtaacatcaa	gataggaaga	agtgggtgtc	a	111

<210> 22501

<211> 317

<212> DNA

<213> Homo sapiens

<400> 22501

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tcacttacca	gcctcctcac	cccctcctcc	accatttcct	taatgttcca	tggtattttc	180
aacggaatac	actttgaaag	gtaaaaacaa	ttcaaaaagta	tcgattatca	taaattcaca	240

aaatattttt gcaaccagaa cacaaaagca ggctagtcag ctaaggtaaa tttcattttc 300
aaacgagagg gaaacat 317

<210> 22502
<211> 84
<212> DNA
<213> Homo sapiens

<400> 22502
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catcccgcag cgccccgccc cgca 84

<210> 22503
<211> 319
<212> DNA
<213> Homo sapiens

<400> 22503
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tctcacatgt ttttcagatt ccaataatag aaagagctct ttgtcacctt cacaaaactt 180
gctttcttag gatattaaag gatatacgag atacaatgta ctttaagtaaa atgaccatca 240
tctcaccctc caaagaccag gttgagtgtc aaatatatgg ttctgtctgt ctttctatct 300
tcttactttt ccccaccca 319

<210> 22504
<211> 399
<212> DNA
<213> Homo sapiens

<400> 22504
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agaccctgag attttatttg gcgtctctga gctcttgatt tcttttatta aatgttggtc 180
gcgtggaata cttagagtgc tgttagtggtc ttttgagagt gattgagcaa gtcctgtaat 240
attactttgc aactgggtact ttgggtgttt acatagtaaa attaatggtt catcaaatgt 300
aagaggaaat ttactttgca tatgggcaat gagcccatca tccattttta ataacagaga 360
gagtatcagt aaatgctggt tcagaaaata atctacatt 399

<210> 22505
<211> 288
<212> DNA
<213> Homo sapiens

<400> 22505
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caaaggaggt gcccttagtt gatgtctgtc atcctacaca ggtgggggtc tttatttcat 180
ggccagggct ctcaaaggct tctttttggc cacaatgaga gaaatctggg ggtgagttag 240
tgtcctccca ggtaaattaa tgggtgggtc gtaaataacc agaggccc 288

<210> 22506
<211> 268
<212> DNA

<213> Homo sapiens

<400> 22506

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tttattttaga cacggagtct cactctgttg ccaggctaga gtacagtggc atgatcctgg	180
ctcactgcaa cctctgcctc gggttcaagt gattctcctg cctcagcatc ccaagtaggt	240
gggactacag gtgtgcgcca ccccgtec	268

<210> 22507

<211> 147

<212> DNA

<213> Homo sapiens

<400> 22507

acatccatgt gggagaaagt ctgagtgaac aaatatgttg cctctctgtg gtaaagtacc	60
ttcaagttta tattttaact ttctactcag cagccttgtg gtgtgggttag ggcaagtgt	120
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<210> 22508

<211> 276

<212> DNA

<213> Homo sapiens

<400> 22508

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gtatgtgtac aggaatttat ccatttcttc tagcttttct tgtttatttg tatagagatg	180
tttatagtat tctctgattg tagtttgtat ttctgtggga tcagtgggtga tatccccctt	240
ataaattttt attgtgtcta ttttactctt cccatt	276

<210> 22509

<211> 274

<212> DNA

<213> Homo sapiens

<400> 22509

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ggacacaaat ctacacaggaa ctatagcact ttggaaaagc atcaaagtag aaaagaaata	180
cagtgcaatt ctattatgag aatgttttac atttaaactg gtttagcacc ttttaagttt	240
aaagcccata gcttcttatt actagtgacc taag	274

<210> 22510

<211> 150

<212> DNA

<213> Homo sapiens

<400> 22510

taaggaaaga ttttgagatg ggtggcatat gttttgccat aacttgacat gctttgcaaa	60
tctggattcc aatggacctt tcaaaaccac aacaaaacct cagtttttaga tgagttctct	120
atgtgaccaa ttttactgga tgcaattgac	150

<210> 22511

<211> 63
 <212> DNA
 <213> Homo sapiens

<400> 22511
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 gga 63

<210> 22512
 <211> 142
 <212> DNA
 <213> Homo sapiens

<400> 22512
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 gacggagaag gcaactttat ttaccgacca agaaagctcc tccccgctcc tccgttagct 120
 aattaaaaca tttttcaggg ac 142

<210> 22513
 <211> 139
 <212> DNA
 <213> Homo sapiens

<400> 22513
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 cggttccggc ggcagggcgc cgaccgcag cgcgagaagc tcaagcagga gcttttcgcc 120
 ttcaacaaga ctgtggagc 139

<210> 22514
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 22514
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 aacctggcaa gttcatggca ggctgtaatt ggatgctggt ctccctccac acttgactcc 120
 tacagtctga tttctacaca gcacccaaag tgatctctta aaaatacaca tgtgatcttg 180
 tcaacttcca gcaccaaact ctacagtga tttccatctt agaacaaaat tcagactcct 240
 taccatggcc accaagacct tacacaatct ggctcccaa tttccttttc caaggtcacc 300
 ttttaccact atccatctca ctcacaca 328

<210> 22515
 <211> 76
 <212> DNA
 <213> Homo sapiens

<400> 22515
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 ttatggaagc ctatat 76

<210> 22516
 <211> 174
 <212> DNA
 <213> Homo sapiens

<400> 22516
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ataaatctgt gcagctgcct tatagtacca tcaaaggaat ttcagggtggg ctgggcgggg 120
ccccgatccc agaattatca actccaccca tcatcatttg gtcataaagc atcc 174

<210> 22517

<211> 269

<212> DNA

<213> Homo sapiens

<400> 22517
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cttcagccta acgtgtcttg aataggtctt tggctctgtgc ttataatcag gttagtagtc 180
ctgtcgtttt tccctcctcc aataaatctt tcatatttta aaggaagagc agcttccttg 240
ttaaaccaat cataacaaaa gccccacaca 269

<210> 22518

<211> 237

<212> DNA

<213> Homo sapiens

<400> 22518
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aaagaagaca tttatgcaat caaaagacgc atgaaaaaaa tgctcatcat cactggccat 180
cagagaaatg caaatcaaaa ccacagttag atatcatctc acaccagtka gaacgga 237

<210> 22519

<211> 212

<212> DNA

<213> Homo sapiens

<400> 22519
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gagagctacc atttacatta tagaatttta aaaagaagga gagaatagat ggaatggacg 120
gaatgtatat ttaaggagat attgacttaa agcatttcac gtctgcaaaa agatataaat 180
acctagccag aggaggttta aatgtctcaa tc 212

<210> 22520

<211> 172

<212> DNA

<213> Homo sapiens

<400> 22520
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ttatttttcc tgttggtgtt gctgatttgc gagcatgctt taagatgaaa aaagcatgaa 120
tgataacttc cttaaaaagg tgcggcatcc agttcaaata ttttcgtcct ga 172

<210> 22521

<211> 314

<212> DNA

<213> Homo sapiens

SECRET

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agaggcacat	ggaggactat	tctgccatta	ggaaaattac	ctttgaattc	cactaacgat	300
acaatgcaag	atattgagat	gctttcatac	atgaacatat	accactgtct	ttggggaaac	360
aagggttttt	ttcactaagc	atttaaaatg	cacantggcc	caaaat		406

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 <212> DNA
 <213> Homo sapiens

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acagcttgaa	tatttgctat	atagaaatat	agtatggaaa	gtttttggtc	ttaatgtagc	180
tactgtgcgg	gtcacagttt	ctcccaatga	ttatgactgg	gacattcttt	ggtagatacc	240
atttgctact	agtttatttt	gtggctagaa	c			271

<210> 22527
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 <212> DNA
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tccttaactg	gatgtaagtt	ccataacagc	atggactatg	tccatcttac	tcaccactac	120
ttataggcct	tcagtagata	ctgcttaaat	gaataaatgt	atatatgatg	aaactgtaag	180
aataagtaag	aacagagagc	cggac				205

<210> 22528
 <211> 258
 <212> DNA
 <213> Homo sapiens

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agaattaata	ttgttaaaat	tcctacacta	cccaaagctt	tctacagtca	atgcaatctt	180
tatcaaaaca	ccagtgcacat	tttttacaga	aattggaacc	acaaaagagc	ttgaagaccc	240
aaaataatgt	tgagcaaa					258

<210> 22529
 <211> 138
 <212> DNA
 <213> Homo sapiens

<400> 22529						
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gtttttaa	atcagctctt	aatatgtttg	agctgcaata	ttcctatccc	cagttctcgt	120
gtgcttttat	gccccctc					138

<210> 22530
 <211> 329
 <212> DNA
 <213> Homo sapiens

<400> 22530
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 gctgagctat gagcaaagcc tcctgactcc tcagaatata cctctcccct ctgacacagg 180
 aactgtgggt tttagacaag ctggactttg cctcagcttc ctttgtctgc ccaggctgcc 240
 ccaagactcc ctgggtcccc ctgccactca tttggctgct gtgataccca agtagtctac 300
 tgggcacttc gcattcattt tctcaccac 329

<210> 22531
 <211> 158
 <212> DNA
 <213> Homo sapiens

<400> 22531
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 aaaataacag tgcaaaagag gtcacgccac tgcactccag cctgggacgac agagcgagac 120
 tccgtctcaa aaaaaaaaaa aaaaaaaaaa aaaaaaaa 158

<210> 22532
 <211> 259
 <212> DNA
 <213> Homo sapiens

<400> 22532
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 cttttttctt accagcctcc ccccaatgag gtaagaccgt tttcaacaat ttgctaattgc 180
 tcttgtggcg cccgggtggg gtcggaacct gagatcccgat atcgctgtgt gtgtgtgtgt 240
 gtgtgtgtgt gtgtgtgck 259

<210> 22533
 <211> 307
 <212> DNA
 <213> Homo sapiens

<400> 22533
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 aacaccagaa gtttgaatca gaggtctgag tgacctctt tgtggctgtt cttgatggtt 300
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<210> 22534
 <211> 180
 <212> DNA
 <213> Homo sapiens

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<210> 22535

<211> 279

<212> DNA

<213> Homo sapiens

<400> 22535

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gctgactcag	attatcagtt	tgctggcaat	ttgcttttta	gtcrctatg	gaattagaga	180
catcaatcta	tgcaaatgt	tgccaccttc	tgctgaacac	tttacatctt	tgaaaagatc	240
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<210> 22536

<211> 235

<212> DNA

<213> Homo sapiens

<400> 22536

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gctggaggat	tcctcttgaa	tgattaagaa	ctccgcaatt	cgctctgcc	acaggctgca	180
aaggacccga	ggaaccgctc	tctstgaact	gtgctgatgg	gcaggaggat	gggat	235

<210> 22537

<211> 394

<212> DNA

<213> Homo sapiens

<400> 22537

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taaggagctt	tcatactcct	ttccacagtg	aatgcaccat	tttcaactctc	accagcaatc	180
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aattttggcat	ttattgcctc	cttatccttg	ttttactttg	taattttgct	cagaggtcat	360
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<210> 22538

<211> 452

<212> DNA

<213> Homo sapiens

<400> 22538

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<210> 22539

<211> 151

<212> DNA

<213> Homo sapiens

<400> 22539

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atcttggaag cagagactgt gccctcacca gatgctgaac ctgctgagca ccctgatctt	120
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<210> 22540

<211> 463

<212> DNA

<213> Homo sapiens

<400> 22540

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tgggcgcttaa gacaagtttc aagaaataag aattgaaaag tgttggagga aagaaagttt	180
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caaggctaag accaggagt gttcccacag ccaggctggg tgagggcaag tttatcctgc	420
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<210> 22541

<211> 229

<212> DNA

<213> Homo sapiens

<400> 22541

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aactgctgct tagtttcatt aaggatatag tgacttttac tctattagga atatgggggt	180
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<210> 22542

<211> 422

<212> DNA

<213> Homo sapiens

<400> 22542

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attttaaaaa taccttcaca gcaatgtcta ggctgtgaag acattgccta gatatgttga	180
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tcaggccatg caagatattt ggcttttatt tgagaatgat gagaagctag tggaggctct	360
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<211> 338

<212> DNA

<213> Homo sapiens

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aagtatctga tttataagct ctttaactgt ctcaaggaag tttcctcaat atctggaaat 180
tatagcaagt taatgggcat agacaagaaa aattagggtcg aacttatact caaatttgga 240
aaatgtacca aaatgacaac atgtattTTTt gcccttaaaa taatgtttac acatattTTTt 300
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<212> DNA
<213> Homo sapiens

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agccagggtg ag 132

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<212> DNA
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<400> 22545
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<211> 152
<212> DNA
<213> Homo sapiens

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<212> DNA
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<400> 22547
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ccaccagcaa gctaggagag ggatcagaat gaaacctatt ttgctggcac cttgatcttg 300

aaattctagc ctccagaact gtgagaaata aaattctttt attgaagcsa cccagcctat 360
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<210> 22548
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 <212> DNA
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 ccaaatgcac tgagtagagt ttatatgaat gtttcaacac agctgctctt acatgadnda 300
 tattttttta atgcctagca aaaatccatt ataaggcttc aaaggattaa acatcactca 360
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 <211> 484
 <212> DNA
 <213> Homo sapiens

<400> 22549
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 ccacctaata atttggttta taaaaacaag tttgagggct ggatttggct tcatgggact 240
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 aatcttctact ataaacgttt gaagttggca ctgttattat tctcacttta cagataagca 360
 tgttattgct tagagagaaa ttataagaaa cttgctcaaa gtcccacagc taaaaagtga 420
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<210> 22550
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 <212> DNA
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 gaagaaataa tgttttgtac aaggtgat 208

<210> 22551
 <211> 287
 <212> DNA
 <213> Homo sapiens

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 ttttttagacc tttttttccc cctaattgtac ctgccctatg acatattaac actgagataa 180

actctgtatc tttttatgta ccatgtctgt gctttataca taagagtaag tgtacaattt 240
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<210> 22552

<211> 130

<212> DNA

<213> Homo sapiens

<400> 22552

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<210> 22553

<211> 468

<212> DNA

<213> Homo sapiens

<400> 22553

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tagaaacatg tctcctaata cagataggct atccctgttc ccatactgct ttgcacatag 180
caggatcaca gtatttaatg aatgaatgaa tgagtgaatg aatggatatca ccagcctccg 240
gacttcagag gcttccttag ctccctgtgg tttgtttgtt attttgagac acagtgtcac 300
tctgtcaccc agactagagt gcagtggat gatcttggct cactgcaacc tctgcctcca 360
agattcaagc cattcacgtg cttcagcctc ctgaatagct ggaattacag gtgcctgcca 420
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<210> 22554

<211> 220

<212> DNA

<213> Homo sapiens

<400> 22554

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gtgtacgata tatgttgata acgttttatt aaagggccca 220

<210> 22555

<211> 246

<212> DNA

<213> Homo sapiens

<400> 22555

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ataagacaat caaccttcag ggccaggcat ggtggccac atctgtaatc ccagcacttt 180
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<210> 22556

<211> 294

<212> DNA

<213> Homo sapiens

<400> 22556

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atgctgtatt tatcatctca agtacataga tcagtgtcta acatttagta ggattttagt	180
aaacattttt gagcttgaca gaaaggatta atttggatta atgaasccaa ccaaaggtaa	240
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<210> 22557

<211> 325

<212> DNA

<213> Homo sapiens

<400> 22557

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agccatcatc caccatttcc tgctgtcac tgtgaatcaa agaattttgt gttttggcaa	180
gatatcagat ggaaaaaaca gttctggggg aagtcgatgg aaatcctgcc tgttgggaaca	240
ctgaatgtca tgcttccaaa gtatggagat tactatgtgt ggaataaagt caccacttgc	300
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<210> 22558

<211> 175

<212> DNA

<213> Homo sapiens

<400> 22558

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tttaaattaa ttagctttcc tctgctttat gaccacaggt tttatcccta accgagacag	120
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<210> 22559

<211> 155

<212> DNA

<213> Homo sapiens

<400> 22559

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caggtatgcc cattttcagt ttcaatatag cctagaattg cagtacctag aggcagcagg	120
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<210> 22560

<211> 207

<212> DNA

<213> Homo sapiens

<400> 22560

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gccagttcta agtttgggcc tttgtgagaa atgtgtcctc tgcttggcgt cagtcatgct	120
ctcatgtgaa cattcccttg aatttgcct gtttccagct catcctctgc taccttgatg	180
cattccagga ccacaatcat tgacaat	207

<210> 22561

<211> 253
<212> DNA
<213> Homo sapiens

<400> 22561
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agagaaagca cttgacaaaa ttcaacatcc ttttatgact aaaaagtttc agagggggcgg 120
ttccaagatg gccgaatagg aacagctcca gtctacagct cccagcatga gcagcgcaga 180
agatgggtga tttctgcatt tccaactgag gtaccgggtt catctcactg gggcttgtca 240
gacagtgggt gca 253

<210> 22562
<211> 116
<212> DNA
<213> Homo sapiens

<400> 22562
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<210> 22563
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<212> DNA
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<400> 22563
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ggggtcctta tttcacctac catactaagg aaatatcaaa gagtctggca cctaaccag 180
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<210> 22564
<211> 413
<212> DNA
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aagtaggaag tccaacaatt tcnhwcttca tagaccgttt tgctgatct tcctgaggaa 360
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<210> 22565
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<212> DNA
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tttcttagct gttcaccac tgaaggacat ttgcttgctt ctagattttg gcaattatga	180
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<210> 22566
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ccccctcccc aattcctcgc actttattct cctgggtggt ttcgaactac cctgtttctc	180
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cgttcaggaa ggacccttgt accgcacgga gggctccct	159

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<210> 22569
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amctgaaatt gcaattaaaa cctttataaa ctcaaactaa atcatgaatt acagaaaaag	180
tccattcttc caaaacttga tgttaccaca cttacaagtt taaaatatga agtcgactgt	240
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cact	364

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cgggtgcctc caacgttcat ggctgcctgt ctcatgggtg aacctcacat ttagttactt 300
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<210> 22572
<211> 177
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<210> 22573
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<213> Homo sapiens

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tgggtaacat ggtggaacct caat 204

<210> 22574
<211> 136
<212> DNA
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aatttacacc cccatc 136

<210> 22575
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<212> DNA

<213> Homo sapiens

<400> 22575

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<211> 211

<212> DNA

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<211> 294

<212> DNA

<213> Homo sapiens

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agaatctctc atgtkcaatg tagtatattt gacatataac gggatattcat atataacctt	240
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<211> 261

<212> DNA

<213> Homo sapiens

<400> 22578

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tataatggga agcaataata ttgcatcctg ccttaccttc tatctagtgt atattttcct	180
aatcatagga gctggctttt ggatagcgat gccagtsctg ctcaaaccga acttcatctt	240
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<210> 22579

<211> 218

<212> DNA

<213> Homo sapiens

<400> 22579

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7195

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	60
	120
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	88

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ggttcgaaat	gtacttttct
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attgatcaca	tctttaatct
tttgttctct	atacgtggcg
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	120
	180
	240

cgt 243

<210> 22590
 <211> 102
 <212> DNA
 <213> Homo sapiens

<400> 22590
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<210> 22591
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 <212> DNA
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<400> 22591
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 gtttcggtac cactcatgac ttaaaaaatgg gtcttacaat tctgagtgat tgaaaaaaaa 180
 tcaaaagaag gataatattt agtgacccat gaaccttata tggct 225

<210> 22592
 <211> 389
 <212> DNA
 <213> Homo sapiens

<400> 22592
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 ccccgaggc ccccgattgg ggcttgca cctggcccg gggcggattt tctgcctagc 180
 gcascgagaa gcagagggtc caggaaaacc aagagagggg cgctgggggt gcccacccc 240
 agagtgcgtc cctctgcgaa ccgagggaaga aaagaggagg gagtcagcga gtggtcagaa 300
 gggaaaacct gacaccagac tggctccgga gcgtccggga gactggggcg ctccgscatc 360
 gtcttcaatg cttctctgaa cagccttta 389

<210> 22593
 <211> 261
 <212> DNA
 <213> Homo sapiens

<400> 22593
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 acataggcat ttctctgaac tgcgcgccac cttttgagtg ccatctgttt ccgtccagga 180
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 gggccagaac taacaggata a 261

<210> 22594
 <211> 305
 <212> DNA
 <213> Homo sapiens

<400> 22594

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tgtgaggggg cattgaagtg acgtttgcgg tttttactgc ggtccgagag tttcgctctt 180
gttccctggg ctgcagtga gtggcaccat ctcggtcac cgcaacctcc gcctcccaag 240
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gcasc 305

<210> 22595
<211> 305
<212> DNA
<213> Homo sapiens

<400> 22595
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caaagacaat ttgagaatct tatgtgaagc agaactaagc tcttgagtt agttatatgt 180
gatgacagaa acagaattac atggtttgaa cagcatgggt acagttatat gtggattttc 240
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cccc 305

<210> 22596
<211> 110
<212> DNA
<213> Homo sapiens

<400> 22596
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agcattccat gaaatctacc ggaccaggtc tgtaaacggg attccagtga 110

<210> 22597
<211> 134
<212> DNA
<213> Homo sapiens

<400> 22597
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tcctgcccgg gatggctgac actctgcgag ccccggcggc ccgcggccgg gccgggtgac 120
tagttggagg gact 134

<210> 22598
<211> 284
<212> DNA
<213> Homo sapiens

<400> 22598
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caccgtggaa gggcagcaaa ggtgtttgct aagtaaaaact gattggatga gattggtatg 180
aaaatcatgg ttgatctctg agcgggatgt tagtgtttaa gatccacgga gtcaggcgca 240
aaatgagcac atttctctca gtattcagaa atgagtagat gccg 284

<210> 22599
<211> 374
<212> DNA

<213> Homo sapiens

<400> 22599

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gggcacgttt	acagccgcaa	gcaccagcgg	cagctgaagg	aggcttttga	gaggctcctg	180
ccccaggtgg	aggcggcccc	caaggccatc	cgcgccgctc	agggtggagcg	ctatgtgccc	240
gaacacgagc	gatgctgctg	gtgcctgtgc	tgcggctgtg	agggtgcggga	acacctgagc	300
catggaaacc	tgacgggtgct	gtacgggggg	ctgctggagc	atctggccag	cccagagcac	360
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<210> 22600

<211> 407

<212> DNA

<213> Homo sapiens

<400> 22600

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ggggagcacc	atgagttaag	ccttagtttt	tcaggaggta	gaactgctag	gatataaacg	180
tgtggttttg	caggatgaag	agatgcttgt	accccaatat	aacgcattct	tactgcaaat	240
aacaagtttt	ctggcaactt	cttctctggt	tctacagttg	attgtgtgtg	tgtgtgtgtg	300
tgaaaacgat	gattttttaga	tttactgtct	tgagggtagt	ttagcagtg	tcctgaccat	360
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<210> 22601

<211> 145

<212> DNA

<213> Homo sapiens

<400> 22601

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acctgtaccc	tatgactttr	ctaaacacac	ttagaagttc	tagggcttta	ttttctagat	120
tacttgasat	tttctatgaa	aggca				145

<210> 22602

<211> 206

<212> DNA

<213> Homo sapiens

<400> 22602

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gaaactgagg	ctcgaaggag	aaataacttg	ctcagggtcat	acagttagtt	tgtagctgag	120
ttgtgactaa	aaccacaggtc	tctcggattc	caaagcttgt	gctcagaacc	cctgcagtgt	180
acaaagtacc	caaatagtgc	ccatcc				206

<210> 22603

<211> 173

<212> DNA

<213> Homo sapiens

<400> 22603

cttggaacttc	gttttaaaga	catgaagctt	cctgaattaa	aaccacaggg	gtatatattaa	60
gagctactta	tcaaagatgg	taattttatc	cataaagcaa	ttgctaaatg	gaaatcagaa	120

aggtcagctg taattcactc caggggaatga agatgacaca ctaagtctgg cga 173

<210> 22604

<211> 343

<212> DNA

<213> Homo sapiens

<400> 22604

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acagaaagtc agcccaagag actcttccaa ggcactacca atatgttata tccagatgcc	120
gcgcaactgt ctgatctcag ttcattggtgg tggtatcaag gagaagaaat tcctgccttg	180
accagatgtg tggagcatct acaaataaat gaatagttat ttacacacaa accactgtgt	240
acaaaagcgt ccatggagct gtcagtgtct cgagtggat tatgaggcct caggtgcctt	300
ggggtacatt gtcattgtat aagggatgta tatcataagg tat	343

<210> 22605

<211> 135

<212> DNA

<213> Homo sapiens

<400> 22605

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tcaacaaatt ggattctcct gatcccttta aactgaatga tccatttcag cttttccag	120
gcaacgatag ccctg	135

<210> 22606

<211> 138

<212> DNA

<213> Homo sapiens

<400> 22606

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ctgactctcc acccttaacc ctggtaattc aatcttttct cagggtttta aaaaccatgc	120
atatgcctat gagttccc	138

<210> 22607

<211> 176

<212> DNA

<213> Homo sapiens

<400> 22607

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ctgaagcttc ttgccagggt ggctgggtgac acccggtgtg gctgggcccc gcggcassaa	120
gggacctgcc cgccttgtgg gtttctcggc cagagtcggc ggascctagcg ggacat	176

<210> 22608

<211> 105

<212> DNA

<213> Homo sapiens

<400> 22608

aggcgccgcg gacgcaccga cggctgaaga gcggcgatgc acatgcacta gcagcaccac	60
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<210> 22609

<211> 291

<212> DNA

<213> Homo sapiens

<400> 22609

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cagagtctcg	ctgtattgcc	caggctggtc	tcagactcaa	gtggtccttc	tgccttggtc	180
ttccaaagt	ctgggattac	aggcttaa	acacagtgcc	aacctataaa	acttttaaat	240
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<210> 22610

<211> 426

<212> DNA

<213> Homo sapiens

<400> 22610

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attggagggg	tgaccatttt	attagcccc	ttgataacat	ctgttgcaga	tattgccttt	120
ctggaacgtt	ttaacagact	ctcagggtga	atthttggagg	actagaagga	taaaatcccc	180
agctcccacc	atthttcttgt	ccaacaggat	attactgtat	atcattcagg	taggattctt	240
cttttaataa	ccaatagggc	aagtcaccact	aatttcaata	gangttatga	cttgcaatta	300
aaagctgact	ttgaaatcat	taaacaaata	tgtaggactg	tctctgcctg	ttggcattca	360
gttatagttc	tgtaaattht	ggcttgggat	ggtctccatg	tgctthtttc	tgcttattta	420
taggtt						426

<210> 22611

<211> 147

<212> DNA

<213> Homo sapiens

<400> 22611

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ccactgcact	ccagcttggg	ggacagggga	agtctgtctc	cgcagctggg	tgcatgtggc	120
ttataatcct	agcacttttg	gaggcca				147

<210> 22612

<211> 433

<212> DNA

<213> Homo sapiens

<400> 22612

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attgaatttt	gagatggaag	aattagattc	tagtcccatt	tctttttata	tcttaataaaa	120
ctgacttttg	tcaaacaatt	aaaaatgaga	ccgaggtttt	cctctagaca	taaacaagtt	180
gcacccagct	tgtgggtttt	ttgagcaa	tgacagggag	gggatgcaca	gaaaatgagt	240
gacagatggc	tgggtgtgat	ggctcacacc	tgtaatccca	acactttggg	aggctgaggc	300
aggcggatca	cgaagtcaag	agatcgagcc	catcctggcc	aacatggtga	aaccccgctc	360
ctactaaaat	acaaaagtta	tctagggtgtg	gtggtgaatg	cctgtaatcc	cagccactcg	420
gaaggctgag	aca					433

<210> 22613

<211> 190

<212> DNA

<213> Homo sapiens

<400> 22613

agcaacaata aaacaggtct accctggagt catactctaa tttcttctat tttcctccct	60
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gattgagtta ttatcattga tccatacaaa gtccctctct catttatttt ctttcattcc	180
cacctccaa	190

<210> 22614

<211> 200

<212> DNA

<213> Homo sapiens

<400> 22614

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aaccagattt taaaactgtc gttgacttgt aagtcgtcca gatagtttta tctcactggt	120
acttcaacta tcattttgaa ggagttgtca tggccttaac tgctgtcttc cctccttct	180
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<210> 22615

<211> 360

<212> DNA

<213> Homo sapiens

<400> 22615

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tggcctctc aaagtgtctg gattacaggc gtgastaccg cgcccgccc gagaccctt	180
tcttgctctc gcatagcgcc caccctggc ctagagcctc ttcagcttc catcactaag	240
ctaagctctc acctctactt tagcctcttc cttacttaga cttgtgttat gggcttcctc	300
cactctgatt aaccatcca catgctccga tcttctcad awtccctgaag tcatttgata	360

<210> 22616

<211> 253

<212> DNA

<213> Homo sapiens

<400> 22616

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aggtgggtga aaatacagta ctgttggtta cttcctaaga tccaaggag agaataaagc	120
ttggtaatat tctcttgaat atacatttac ctatttaaaa ggtatgattt tcccatattt	180
ccttaggaag tatgtcatgt caatatagat atttactcat taggtttaca ttaatttgta	240
ttataaggga aac	253

<210> 22617

<211> 339

<212> DNA

<213> Homo sapiens

<400> 22617

aaatacataa ataaataatt tttttattct tactgtatgt ggagatttta tcttagtat	60
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gtcaggagtt catattaaaa ttacattgac ataaaaataag tctctgagt tttcttctcc	180

atcttctgaa ataacttttg aagacatata taatttcatt aaaattgtca gtgtgaggaa 240
 aaacattctg aattttctaaa ccaacttaaga catggataag catatggaaa attatacctg 300
 gttatgagac cttcccaaca caaatgaaat gcagcaaca 339

<210> 22618
 <211> 174
 <212> DNA
 <213> Homo sapiens

<400> 22618
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 atatggggaa attactggaa tattgactac catccaaaga tagatgtagc ttcaggtata 120
 ggtaggttca gggtttcaaa tgatgccag agggckttct ttctctctca gttt 174

<210> 22619
 <211> 278
 <212> DNA
 <213> Homo sapiens

<400> 22619
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 tctcgaagaa taggaaagta tttctgccct ccaaaagctt acagtgtgtt ggaaaatgtt 120
 ggcaaatacag atgaaataat acatatgcaa gtacttaagt tttatcaact tttaatgcca 180
 ttatatacat garagacact atttttctct ctattttctc tcaaagaaaa tgggatttag 240
 gaaaatggga aagcatcaaa aaacawcaga gggactat 278

<210> 22620
 <211> 157
 <212> DNA
 <213> Homo sapiens

<400> 22620
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 acacacgcac acgcracac acwcacacac acacacacac acacaaatcc cagtgtcttt 120
 ttatgcatgt ggtgagatga aattgtgatc tttgtgt 157

<210> 22621
 <211> 227
 <212> DNA
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<400> 22621
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 agatcagaca tggcccagaa cttgarggac ttggcgggac ggctgcccgc cgggcccccg 180
 ggmattggma cggccctgaa gctgttgctg ggggccggcg ccgtggc 227

<210> 22622
 <211> 68
 <212> DNA
 <213> Homo sapiens

<400> 22622
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tgccaaag 68

<210> 22623
<211> 242
<212> DNA
<213> Homo sapiens

<400> 22623
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gttggcccca aaatgattgt caaagttctg ttcacttaaa ttcactgtaa ttagtaagaa 120
tagttatcat ttattttggg tgccttcaaa gtagactgtg ctaggcaaca atttctcttg 180
ataatctcac aatagccttg gcatttgaag aaactttggc ctagaaacat ttatgcccc 240
aa 242

<210> 22624
<211> 147
<212> DNA
<213> Homo sapiens

<400> 22624
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ggcaaagaga tcagggaata tctgtcattt tttaaagtgg agaactctca cagcctgttt 120
gtatgctgat gggaatgatg gagaggg 147

<210> 22625
<211> 122
<212> DNA
<213> Homo sapiens

<400> 22625
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cgagatgaca agagccagaa acaccatttt gaaaagtgc aactgaggcc ccttgccgg 120
ca 122

<210> 22626
<211> 326
<212> DNA
<213> Homo sapiens

<400> 22626
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gccaggtgct ccagcccgac atgctgccgg ctgagtggac ggcaggctgt gctaccagtc 120
tagacagcat cctgggcagc aagtggagtg agaccctgga taagcacctg gcagtgactc 180
acctcaccga ggaggtgggt cagctgttgc agcactgcac caaggaggag tttgagcgga 240
ggtatagcac cctgcgggaa ctggmcgaca gctggadtgg gccttatgag caggtccaac 300
tctgattatt ctcatgccc agagat 326

<210> 22627
<211> 276
<212> DNA
<213> Homo sapiens

<400> 22627
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cattttccaa	gtagatgatt	ttacaaaacc	gtaagctttt	atgcctgtcc	ttcatttgtt	120
ctttttctgcc	tctttcagge	gaactgtgat	gaagagcctt	atacttagga	agacacaact	180
acctttgaac	agtcctttgt	gaaatcta	gatcgcaacg	aacgaaataa	accagaacat	240
cgttcttcaa	gccaaaggacc	cttgtcatcc	attaga			276

<210> 22628
 <211> 316
 <212> DNA
 <213> Homo sapiens

<400> 22628						
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gacttttacc	ctggggcact	cacacggcca	agcttctgcc	accacttcat	tagctgtatt	120
ctccatagta	tggtgaaata	gcaggtgcgt	cttctagttt	attcctcctg	gggacatttc	180
ctcaaagcag	ttttgcgccc	ccgcaaggga	atggtcagcc	taagggtaat	gtacagcccg	240
tgcttggaga	accatggaag	ctacaccct	acaggtgcat	actgttctgc	ttttccaata	300
aatacgagcg	gcgaag					316

<210> 22629
 <211> 83
 <212> DNA
 <213> Homo sapiens

<400> 22629						
caaagaagta	aaggtaatac	ggtggaggca	agattatctt	ttcaacaaat	ggtactgaaa	60
cagctggctc	tccacatgct	cac				83

<210> 22630
 <211> 224
 <212> DNA
 <213> Homo sapiens

<400> 22630						
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cggagagcac	ccgcccggtc	tacctcaaga	agctgaagaa	gcttcgagag	gaagagcagc	180
aacagcaccg	gtcagggggc	cgcggaaca	agacgcggaa	caga		224

<210> 22631
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 22631						
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ttataaattc	catttgcttt	ttgtcatctg	aactgttaca	accatgggaa	acctcagtc	120
atatttttaa	aagcactata	tacttacagg	aaaaaccgac	ttatgccttc	attgaaaaaa	180
tggtgaagtt	aatatcccaa	atgtttaatg	agcatgtttt	agaatattta	cagctaaagt	240
ctgtcacttt	agggatttga	caaaacttga	gactgcctgc	caccgaagag	ggaccaggca	300
gaatsttctc	agccttgtaa	ccagctgt				328

<210> 22632
 <211> 197
 <212> DNA

<213> Homo sapiens

<400> 22632

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caaaatagaa	attgctaata	gactaaaagg	caattctgaa	agatggatga	gaaaggaata	120
taatgactca	gggtagagcc	tgcaaaacaa	tatgggatga	gaagatgcag	ggactgggtt	180
catggagaga	gcaggta					197

<210> 22633

<211> 122

<212> DNA

<213> Homo sapiens

<400> 22633

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aacgcttaag	tctgcaacct	tgtatcggtt	catgcagtc	ttctttgtcc	tgccaggcta	120
ca						122

<210> 22634

<211> 177

<212> DNA

<213> Homo sapiens

<400> 22634

tatgattctg	actgtactgc	tcattctact	tcacccacac	ctacttctcc	actggagttt	60
cctattkgcc	attattataa	acatctatct	acctcctttc	tcaggccaca	taccaggagg	120
tcattcttaa	ttcctccctc	ttcctaaaac	atacatttct	tcctaacatg	tgccgaa	177

<210> 22635

<211> 135

<212> DNA

<213> Homo sapiens

<400> 22635

gaattaaggc	tttgtaggta	acctgaaatt	atttcatagc	acatacaaca	actataatta	60
atgaaatatg	cgtgtaattt	aaaaatagaa	ttaaaacttc	ataaatttct	taacattttc	120
ctttgagact	tccc					135

<210> 22636

<211> 317

<212> DNA

<213> Homo sapiens

<400> 22636

tgkndtgcca	acattgccta	tttcagtggc	acgtcatcta	gttttaaaaa	aataaaacat	60
tttaaatgga	cagagaaaaa	taactgtctt	gtcggtaact	cgtaagtggc	ttacctggga	120
ctaacagaca	tgtccaactt	tctctccagt	tcttagctca	gaactttagt	tgtactctgc	180
ttgaggggaa	gaaggctcct	gctctgctgt	gtaggtagtc	ataggaattg	tattcttaat	240
gtacaggcac	taattgtcat	ctgtgatgta	catttttatgc	aagtttctgc	tggcctggta	300
tagagaacat	aagggt					317

<210> 22637

<211> 375

<212> DNA

<213> Homo sapiens

<400> 22637

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tccctagttc	attgctttat	aaaacottca	cgtttggtat	tttattttac	aacttttatt	120
tttttatttt	ttattttatt	ttattttttt	gagagggagt	cttgctctgg	tgcccaggct	180
ggagtgtgt	ggtgccatct	cagctcactg	tagcttctgc	ctcccagggt	ccagcgattc	240
tccttcctta	gcctcccggg	tagctgggat	tacaggcatg	tgtcaccaca	cccagcaaat	300
ttttgtattt	ttagcagaga	tgggattttg	ccatgttggc	caggctgggc	tcgasctccc	360
gamctcaggt	gatcc					375

<210> 22638

<211> 122

<212> DNA

<213> Homo sapiens

<400> 22638

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ccccacggaa	agaacatgag	gttccttgg	aaatcattca	agaggaagat	ggaaggggcg	120
ca						122

<210> 22639

<211> 191

<212> DNA

<213> Homo sapiens

<400> 22639

aatggagcac	tgcaatttgc	caccaaacag	ctaagccgaa	cattgagtag	agccactccc	60
atacctgaat	acctaaaaca	gatcccta	tcattgtgtt	ctgggtgttg	ctgtggctgg	120
ctgactaaaa	cagttaagga	aacaactcgt	actgaacca	tcaacactac	ttattcttac	180
actgacttcc	c					191

<210> 22640

<211> 138

<212> DNA

<213> Homo sapiens

<400> 22640

atthttgtccc	ggctccctgg	ctgtctgtca	aactgctgag	actgctgcag	tgctaccac	60
ccccagaaga	ccctgcagt	cgaggccgcc	tgactgagt	cctggagacc	atcctgaaca	120
aagcccaaga	accgccct					138

<210> 22641

<211> 142

<212> DNA

<213> Homo sapiens

<400> 22641

acttcgtcgt	cacctcacia	aaggcttcca	aattcactgc	ggcagacacc	gcaaaataaa	60
aatgttaa	aatcctagc	tgggagggga	ttgaagcctc	caggctcaat	caaagggttg	120
caataatagg	atcatttaa	aa				142

<210> 22642

<211> 175

<212> DNA

<213> Homo sapiens

<400> 22642

acgttgacgt ttatgctttt gggatgtgca tgcttgagat ggctacatct gaatatcctt	60
actcggagtg ccaaaatgct gcgcagatct accgtcgcgt gaccagtggg gtgaagccag	120
ccagttttga caaagtagca attcctgaag tgaaggaaat tattgaagga tgcga	175

<210> 22643

<211> 120

<212> DNA

<213> Homo sapiens

<400> 22643

tgactattsc aaatgaagct gctctgaaca tttctgtgta agtttttggt ggaacaccta	60
ttttccagtt cttagggata tgtatttata tcaagccaaa ctacctacct aaccaccctc	120

<210> 22644

<211> 327

<212> DNA

<213> Homo sapiens

<400> 22644

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ttcattgttt ggctgaagtt tgccctctgt gagaaaacaa tacaactccc cttctccaca	120
cacttttttt ccagcccaga ttaataggta tcccctaccc taatcccaac tctatgatct	180
aatacctttt tttaggagga accacttctt tttaatatg aaatctgctg gttactttat	240
gttttctcaa gttcagttga ctagagctga ccacagggtg tcatcaattc agattcctaa	300
ataacccttt ctctccacac ccagtcc	327

<210> 22645

<211> 130

<212> DNA

<213> Homo sapiens

<400> 22645

gctccaggaa tcgggtgtgc ctggccctgg ccgggggctg cccccgggag cagcgtccag	60
gcccatggcg gatgcagtct agaggactgc ctggaggagg cggcgccgng gcgagacctc	120
cagagcgcaa	130

<210> 22646

<211> 131

<212> DNA

<213> Homo sapiens

<400> 22646

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tcagcaactc aaacatgcc aactgcctct ttaggtcttt gcatatgcta ttttctctcc	120
ttaaggccca c	131

<210> 22647

<211> 390

<212> DNA

<213> Homo sapiens

<400> 22651
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acgttcacct tccacgagta tttaatcgag ccaacaagca aacaaacaaa cccaaataaa 120
cctgcccata a 131

<210> 22652
<211> 136
<212> DNA
<213> Homo sapiens

<400> 22652
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aaagtgtgaa cattttcttat ccaatgaact agttataaaa tcaaacaat aaatgaagaa 120
aaaaacagga gccgac 136

<210> 22653
<211> 354
<212> DNA
<213> Homo sapiens

<400> 22653
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acagtgttca tacgccttca ttgccaagca agtctctaaa agcttttgcc caatatgcat 120
aaatgttcgt tgtaggccaa tgtgtagtca cccaacacaa ttgatcaaat agcaatgaaa 180
tgccactat gtacacaaaa cttttctgga tactgcacgt gtgtatgtgt gtgtgtgtgt 240
gtatttggtg aaaaggtact aggaaactct gaatacaatc tctgtccctc agaaaagtat 300
catttaccta tgttagggta tttctttatt aatttatctt atatacatgc atgc 354

<210> 22654
<211> 282
<212> DNA
<213> Homo sapiens

<400> 22654
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ccaaatggck aatgcatgat attacagaat catgcatgga taaaagaccc atttaaagta 120
caaggtcaat gaattttagt gcaacaaaag catgagaagt tcatcgttat aggttttggt 180
aacacatagc ttttaagaga ccacttactt tctagttctg atgtagtgtc aaataagact 240
attcacatth atcagaaaag gctattaara tgcccctcct ct 282

<210> 22655
<211> 124
<212> DNA
<213> Homo sapiens

<400> 22655
agttctggcg ctgctgcctt cctgagtgag cgggtggaggg aaccctagag gacagagccc 60
ccagcccggc agcaggcccc ctctccgccc gccaccacgg aggagaagga ggacagccag 120
cmtt 124

<210> 22656
<211> 296
<212> DNA

<213> Homo sapiens

<400> 22656

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gttgggctta	gtggagaggg	aatgagtgag	gagaaaactg	aagtgggtggc	aattgatgaa	120
ggtggtagga	ggagttagat	catagatgtg	aacattgaaa	ataagtaagt	atacttttagc	180
ctctgataaa	gaagggaagg	gtaaaaagaa	gtttgaagat	aaaaagaaac	ttttagaatg	240
gagaagagtg	tctaaaaagt	ttatTTTTTA	tgacactagc	cttttcagga	aagcaa	296

<210> 22657

<211> 334

<212> DNA

<213> Homo sapiens

<400> 22657

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tttattccct	tccttagtcc	aggTTTTctta	cacttcagag	tatcaggtgt	tccatgtcag	120
ttctttgaaa	ttatatgggg	ttgtatgctc	tctgtgatac	taattgctta	gttcttttagg	180
aaagaatagc	atttgacata	catatacaga	ttgtactcct	tttacagatt	catcatgttt	240
ttgaaatgta	cacttggtgag	akacttataa	atkatgtktt	kkctttggca	ttcttaataa	300
cttcggatat	ktgtktcact	gtcattttga	gaga			334

<210> 22658

<211> 155

<212> DNA

<213> Homo sapiens

<400> 22658

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catcccttac	gatctagagt	ataagctgcg	caagggcaga	agtttttatc	tggtttgttc	120
atggatgtat	tctaagagct	gagaacaggg	cacaa			155

<210> 22659

<211> 217

<212> DNA

<213> Homo sapiens

<400> 22659

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gcgctgcttg	tcacgaatcg	aggattgcaa	tgagctcatc	gttttctcct	tgacagcttca	120
caactgnget	ggcttctctg	ctactgctgc	tgctgtcttc	tcacacatag	acasgcacac	180
acaccctttc	tsgcacacac	acacacacac	acacaca			217

<210> 22660

<211> 139

<212> DNA

<213> Homo sapiens

<400> 22660

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cagatgcata	tgtgtatata	taatgaaatt	tatgttgctg	gtatTTTgca	ttttaaagtg	120
atcaagattc	attaggcaa					139

<210> 22661

<211> 281
 <212> DNA
 <213> Homo sapiens

<400> 22661
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 gctgctgatg camggwatcc cctgggctcc cgtccactcc actgctgacc agcccattcg 120
 cctgtgctga gtcttcctgc aggcctttcc ttgcctctgt gggaccctgt ggggggccat 180
 ccggctggag aagaraagcc tctcatgcta acgttgcaga cccagaggg tgagagarag 240
 ggggacttca ttcagtcttg aaacctgtgt gctcagcccc a 281

<210> 22662
 <211> 302
 <212> DNA
 <213> Homo sapiens

<400> 22662
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 agaacaggac ctgactacaa agaattgtttc cattggaatt gttggtaaag acttgagatt 120
 tacaatctat gatgatgatg atgtgtctcc attcctggaa ggtcttgaag aaagaccaca 180
 gagaaaggca caggtatata atcataacac aagaggcttt agttctattg taagctgctg 240
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 ac 302

<210> 22663
 <211> 280
 <212> DNA
 <213> Homo sapiens

<400> 22663
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 cacaggcata tttagaaggc aaactcgtat atggcaagca tgccttcaac tcctaattgtt 180
 tcagaaatag ggtgtctaac ttaaaacctt ttctccaaat aaagtggcca ttcttcctca 240
 gccccacccc atcacacaca cacacacaca cagcacacg 280

<210> 22664
 <211> 302
 <212> DNA
 <213> Homo sapiens

<400> 22664
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 actataaagc actgctcaag gaaatcaaag agggcacaag cagatggaag aaacattcca 120
 tgctcatgga taggaagaat taatatcatg aaaatggcca tagtgcccaa agcaatttat 180
 agattcaatg ctattcccat tarrctatca ttgatattct tcacagaatt agaaaaaaaa 240
 ctggctgggc atggcggctc acacatgtaa tcccagcact ttgggaggcc gaggtggatc 300
 ac 302

<210> 22665
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 22665
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ctcccaggac agcaatggct acctgacagc agattgttaa atagctctca tttcattctg 120
cttcaaattct ctgaccccaa cta 143

<210> 22666
<211> 221
<212> DNA
<213> Homo sapiens

<400> 22666
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aatccgggtca cgtctctttt tctcgatgag ccgggtgcggc aatttgtagg tctcctgcaa 120
gacgcacggg gaggcgggtg gcgcttgagg aaggagatga gaagcctatc ctcccagccc 180
cgcagcaaca gtccggcaga ggagcagagt agcagagatg t 221

<210> 22667
<211> 179
<212> DNA
<213> Homo sapiens

<400> 22667
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ggacagaatt tttaaaagca atgaagccag ttccttgatg atatccacgg gctttgcttt 120
gagaaggaac tgagtaggca gtgagaagag tcgagtgaag cctggcccgt gagtgccgt 179

<210> 22668
<211> 387
<212> DNA
<213> Homo sapiens

<400> 22668
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gtagggaagg accatcaggt gggggcaggc ctaggcatgt ctgagctcag acactccttg 120
ggtgggtctt gctgcagagt atttggggtg tctcctaggt cctgcagtag cagtccactt 180
ccttcaaagg gtctgtggct cctcttgagg ttgctggttt gttcttgaag tcgatccaga 240
gctaaagtac acatgaagc ctctgcacac tgctctgtta gtccgagtca gagctgcaat 300
ctagtccctg ctctcgtctg csatgatccc acctcttggt attggcttct tttttwkty 360
ctttttttga cagagtctca ytgctgc 387

<210> 22669
<211> 137
<212> DNA
<213> Homo sapiens

<400> 22669
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gtatgcaagg cagcgggtgt taatcaatat ttcctgtgct caccagaggc aaaatgtacc 120
aatatcctga caccaag 137

<210> 22670
<211> 69
<212> DNA
<213> Homo sapiens

<400> 22670
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acgaggggc 69

<210> 22671
<211> 166
<212> DNA
<213> Homo sapiens

<400> 22671
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agggtcaggc tgggggatga gaaactacgg cgactgtatc tttggccgag gagttttaaa 120
tgcgctggaa gtgaaggac tgtgtcgtca agggtagaga cgggcg 166

<210> 22672
<211> 340
<212> DNA
<213> Homo sapiens

<400> 22672
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gaatgaatga gatatttgat aattgctttg ttctattaat acttactgga cacttccttt 120
tataagaacg atctttgtag gactatatgt gtcagtaatt atgagcttca atcctgacat 180
taataactta ctgttgagca gagaagagtt gcttctaaac cttgtgcttt tatatactaa 240
tttaaaaact taaagtgata gtgagctatg aagtaccaat catgtatgat atgtaaatac 300
aaagcacagt attattaaag tctcatgtgg aaaagtctac 340

<210> 22673
<211> 303
<212> DNA
<213> Homo sapiens

<400> 22673
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aatgagttca tacatgtaaa gcgcttaaaa cagtgccttg cacttagcac agcataggta 120
ctgttctccg ccattatttg aacaggggccc tagtcaactgc tttcagttgc attgctcctt 180
gcttcacagc cctgattgaa tgccttcttt agttgcatcc aactaaaaat agatccttca 240
gttcctaggg cagcagcggg gcagcagcat ctccagagaa cagttctctc ttccacgtcc 300
caa 303

<210> 22674
<211> 126
<212> DNA
<213> Homo sapiens

<400> 22674
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agtgatctgc atgcctcacc tcccaaagtg ttgggaatac aggcattgagc caccacaccc 120
ggcaca 126

<210> 22675
<211> 280
<212> DNA

<213> Homo sapiens

<400> 22675

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tctagccaca	tcataagtgc	tcs gatgcc	catggggcta	tttgcgacag	tattggatag	120
cacagcccta	gaaactgatg	gaaaaaataa	gagtaagcta	ggttg gatga	catgtgaatt	180
ttggatatcta	gataaggctt	tcgccatctt	ttttgtacaa	cacagtcact	aattgtctga	240
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<210> 22676

<211> 361

<212> DNA

<213> Homo sapiens

<400> 22676

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agctcagaca	gcccctagta	ctacatgtgg	ctgtcattac	tggagatgcc	ctggcttctt	120
ccttcatggg	cacttttagc	tgagagcaat	atctggcagc	acccaagagg	catttgatct	180
ttctgctgaa	agtcacaagt	agagacaggt	ggcattgcc	tcaaggcatg	tcattagggc	240
cccctgctc	ccatttccat	gacacttcct	tccttctgc	cctctttttg	tgtsrggcac	300
attgttttg	gccaccttgg	ggcccaagta	tgt yggaagc	aataatgtag	ttggtagcgg	360
a						361

<210> 22677

<211> 170

<212> DNA

<213> Homo sapiens

<400> 22677

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tgtcctcaag	gttcagcatg	tgtagaatt	tctttccttt	tcaaggctga	ataatatttc	120
attgaattta	tataccacat	gttgtttatt	tgtggatgaa	cacctgggca		170

<210> 22678

<211> 446

<212> DNA

<213> Homo sapiens

<400> 22678

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ttctagaact	ttgagaaaat	ttatattgtt	ttaagctgag	agttttgtga	taatttgtca	120
tggtagccac	aggaaactga	tacacagata	ctgctatggc	catttttagga	aaagtacaat	180
ctgtgcaaca	gtaccgccac	catcaatgct	attaagcgtg	cagtcaccac	acctgtattg	240
aacattgttt	gaacaatgtt	aaktgcctgg	ctttgttttc	tcttactcct	cacaatgacc	300
ctgtgaatgg	ggactattat	ctcctckttc	katgtaaaga	aactgaagca	tagaaggctt	360
aattcacctg	tccaaccttt	ttagctagwg	ggtagccag	tcaatatata	aaccaagata	420
tgwctaactt	caaagccttat	gctttt				446

<210> 22679

<211> 378

<212> DNA

<213> Homo sapiens

<400> 22679

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 agaaagaacc agaagccggg tatgggtggct ggtgcctgta atcccattgc ttttggaggc 120
 tggggaggga atactgcttg agcccaggag ttcggggacca gcctgggcaa catggcaaaa 180
 ccccatatct acaaagaagt cccagctcct aagtagctgg aactataggc acacaccacc 240
 acgccaggct aattttttgca tttttttgtt gagatggggg ttggccatgt tgcccgggct 300
 ggtctcgaat tcctgcactc gggcagctctg cccacctcag cctcccagag tgctgggatt 360
 acggtcatga gccactgt 378

<210> 22680
 <211> 192
 <212> DNA
 <213> Homo sapiens

<400> 22680
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 gtcataatdc atgaccagtt cattcttttg caccttaggg accatctgtc ccctgagggtg 120
 acctgagaaa caaccagttg cccacagact gttatttctt caagtgagcc aggatttgat 180
 ttcactgccc aa 192

<210> 22681
 <211> 106
 <212> DNA
 <213> Homo sapiens

<400> 22681
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 tccttcgaga ctctttcagc ctaagatctc caaccagacc cgccca 106

<210> 22682
 <211> 246
 <212> DNA
 <213> Homo sapiens

<400> 22682
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 cccaccaaga gacgcmgaag gaagatgccg acggtaaaga caraacagga gacgcgcgca 120
 aggagcagga ttggaacatc agttaacatc tgaccactgc cagcccaccc cctcccaccc 180
 acgtcgattg catctctggg ctccagggat aaagcaggtc ttgggggtgca ccatgatttc 240
 accgct 246

<210> 22683
 <211> 115
 <212> DNA
 <213> Homo sapiens

<400> 22683
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 gcgcaggcag tcgcgcgcac acacgcacgc aggcacacac acacacacac aaaca 115

<210> 22684
 <211> 116
 <212> DNA
 <213> Homo sapiens

<400> 22684
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<210> 22685
 <211> 150
 <212> DNA
 <213> Homo sapiens

<400> 22685
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 gatagcttga gcccaggagt tcgagacctg cctgggcaat atagcgagac cccgttctcc 120
 agaaaaagga aaaaaaaaaa aaaaaaaaaa 150

<210> 22686
 <211> 95
 <212> DNA
 <213> Homo sapiens

<400> 22686
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<210> 22687
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 <212> DNA
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<400> 22687
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 gcaca 125

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 <211> 370
 <212> DNA
 <213> Homo sapiens

<400> 22688
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 aactctccaa tttttcatca gattttcaat ccttaagccc tggagctttg tcagtgcacg 180
 gctttttatga actagcaaaa ccaggacagt ggaagtgacc ctaaaagaaa cagtaaagca 240
 tattgtttta gaccatgaac tgaccttgtg ttctgtccag gtccaccctt aaaatgctat 300
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<210> 22689
 <211> 154
 <212> DNA
 <213> Homo sapiens

<400> 22689
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gagaatgttt cctaggactc acccactcca ttcaatgtta catataaaat agtgtgatca 120
atcacaatgt ccactcttag acagttgggtt aaat 154

<210> 22690

<211> 300

<212> DNA

<213> Homo sapiens

<400> 22690

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tagatggaaa cttattctat cctcctccat agaactctct ccctctagct ttcctcttta 180
tctcctacct ctctggcaca actacccaat cagtttttga ggctccttct gcacttccag 240
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<210> 22691

<211> 316

<212> DNA

<213> Homo sapiens

<400> 22691

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atagtaaact gcctcaagtt agttgcaaac cacccttttag tttttcagca ataccagatc 180
gtgatgtaga gcaataagct tgtttcagtg gggaaaataa aatttctaaa ttgcccaatg 240
cctgrtggtta aaataaaggg gagctacttt ctaatcccat gaaaactaat atttttaaag 300
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<210> 22692

<211> 122

<212> DNA

<213> Homo sapiens

<400> 22692

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ct 122

<210> 22693

<211> 358

<212> DNA

<213> Homo sapiens

<400> 22693

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ttttctttgt agtctgtgaa tgctggaaat gaaaaaggaa acaactttga aatatttttag 180
tcaaaaaacc atgtcattgg tttcataata caatgtctcc aataggaatt ctattttaaac 240
tcttggttta tgagatcaca tttaaagact ggattgatgt ctgtgacata aarttttaaat 300
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<210> 22694

<211> 115

<212> DNA

<213> Homo sapiens

<400> 22694

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<210> 22695

<211> 330

<212> DNA

<213> Homo sapiens

<400> 22695

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ccctggggga tttttttctt ctatgcctct ctggtggaat gacatttgct gtgtaggcat 180
ctttcctctg actgtatttc ttggccttga agagtactga gtttaaaaag acagtatgtg 240
acagtccatg gaaattgcct cttctgtgaa atctcgccac ctgctccgaa gacatgttgt 300
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<210> 22696

<211> 97

<212> DNA

<213> Homo sapiens

<400> 22696

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aagaagagga agataaagat gatgaagaaa agccgat 97

<210> 22697

<211> 105

<212> DNA

<213> Homo sapiens

<400> 22697

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tatgtacaag tgaagtccat tttcccatga aacttttagtc cttgg 105

<210> 22698

<211> 225

<212> DNA

<213> Homo sapiens

<400> 22698

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gcaacttttag tttcaacttc ttgctgaggt aattctagct aatagatttc tttttattag 120
cttattataa aagtaatact tgctcatgtg aaaattgtaa ttgacataaa atttgaaaat 180
attgccttcc ttctcatta ttctactgtg tatattcttc ccgca 225

<210> 22699

<211> 95

<212> DNA

<213> Homo sapiens

<400> 22699

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gaagatagct aaaggatctg gaggcctttt gggca 95

<210> 22700
<211> 263
<212> DNA
<213> Homo sapiens

<400> 22700
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gagctcagcg ctgactcagt attcctgagc accttatgcc ctgctcgtga tgcagtkcca 180
ccctgggaag ccttcttkat gggccatggt wtctkkctdt tacatagtga aaacaggcct 240
ctkgttcact ggattcttga gaa 263

<210> 22701
<211> 130
<212> DNA
<213> Homo sapiens

<400> 22701
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aaagcaatgt gtctggaaat gagatttggg ggaaaacaga atgaatccta cacatgtgta 120
cagacccgca 130

<210> 22702
<211> 183
<212> DNA
<213> Homo sapiens

<400> 22702
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agagtctgta tctgatttta tgtgtttcag tgtatgtcaa gtggcatctt atttttcctt 120
tttaatgcat aattcgaatg gcttccaaat ggcttaccat atagtgttta agattatgat 180
tgt 183

<210> 22703
<211> 100
<212> DNA
<213> Homo sapiens

<400> 22703
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cttgctatgt tgcccagctg gccttgaact cctggccaaa 100

<210> 22704
<211> 203
<212> DNA
<213> Homo sapiens

<400> 22704
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gtatattttg ataaaaaat acttgacttt gtaattctgt atattctata caatttatag 180

cagagccggtt ttaagacagc cgg 203

<210> 22705
<211> 114
<212> DNA
<213> Homo sapiens

<400> 22705
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aatgaaagca agctgagaat cagatatttt gaagtagctg ttttgagggtg gccca 114

<210> 22706
<211> 204
<212> DNA
<213> Homo sapiens

<400> 22706
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atcgtaaatg attttttcat atgtttgttg gccatttgcg tatcttcttt tgagaattgt 180
ctatttatgt ccttagccca cagt 204

<210> 22707
<211> 216
<212> DNA
<213> Homo sapiens

<400> 22707
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acattagatg tcacagttag gtagtaaaat acttatacca gcacataaaa tcaactgtgaa 120
tgtgatagct ggacaagctg attgatacgt gatattgggtg atgcagatgc caaagtggca 180
ttgacatgat ttccaaaatg gtaaacaact cttagt 216

<210> 22708
<211> 200
<212> DNA
<213> Homo sapiens

<400> 22708
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ttgaaaagat aaagtcaacg aatcactagc tggactaaga daaaagaggg aagaaataaa 120
atcagawaca aaaaaggaga cattacaact gataccacag aaatgaaaaa agatcattag 180
aaattattat aaacaacaac 200

<210> 22709
<211> 131
<212> DNA
<213> Homo sapiens

<400> 22709
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ttgggtagaa tgttctgtaa atgtctgtta aggccatttg ttctagtgtg tagttagat 120
ccattgtttc t 131

<210> 22710

<211> 389

<212> DNA

<213> Homo sapiens

<400> 22710

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ttaatagtag	tcaagtagga	tatgcaaaa	ttatatatta	cataatctgt	gaacgttttt	180
agtacctaaa	aatgtttcag	gtattttcaa	gatgggaaca	accagtatct	agtcatacata	240
cattaatgtg	aacatgctta	ttaaaagtta	acctctttat	aaaaagtatt	aataaaccaa	300
gatgtgccta	aatattaggg	tacttcaagc	taaagggtcat	agtttatata	taaaaagtag	360
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<210> 22711

<211> 275

<212> DNA

<213> Homo sapiens

<400> 22711

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agtatgcagt	gatagctgat	tgtggcttta	atttgcattt	ccctgatgat	taattatgtt	180
aagcatttta	ttatataact	cttgtctctt	tgatatggga	gaaaatattt	gcaaaccata	240
catctgataa	ggggttaata	tccaaaatac	cgga			275

<210> 22712

<211> 360

<212> DNA

<213> Homo sapiens

<400> 22712

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aattacaaat	ctggaggcat	catattacct	gatttcaaac	tatactataa	ggccatagtc	120
acaaaaacaa	cgtggtagtg	gtataaaaa	aggcacgtag	ggccaggcgt	ggtggctcac	180
gcctgtgatc	ccagcacttt	gggaggccga	ggagggtgga	tcacgaggtc	aggagatcga	240
gaccatggtg	aaaccccgtc	tctaccagar	atacraaara	ttggccgggc	gcggtggtgg	300
gcgcagttag	tcccagctgc	tckggaggct	gaggcgggag	aactgcgccc	accascgcgc	360

<210> 22713

<211> 114

<212> DNA

<213> Homo sapiens

<400> 22713

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<210> 22714

<211> 103

<212> DNA

<213> Homo sapiens

<400> 22714

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cccttttttc tgccctgata ttcagtgctt ttatacggcc ggt 103

<210> 22715
<211> 177
<212> DNA
<213> Homo sapiens

<400> 22715
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tggcctgcta gattttttata tttgggtcac acacaggcag agtggtttctg acatttccag 120
tcaactccct tacctcaaat atcatcaatt tcaccactga aaatgttcca acagcga 177

<210> 22716
<211> 215
<212> DNA
<213> Homo sapiens

<400> 22716
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ttgtttgagg ttttgttttc tttcaaattg ctttaagttgg aggggaagtc tagtaattta 120
attctaccat gtggtctggc catgaacca aggctgagg actggtgcct ttctgctaata 180
taattctcga tgtcagacat ctggaaaccc gccta 215

<210> 22717
<211> 249
<212> DNA
<213> Homo sapiens

<400> 22717
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ccatttatag tgaaactata attttggtc tcttctgtat ttaccaccca aacaagggaag 120
tagaataaaa gtgtcccagc ctcagcctct tgttttctaa tgtgttggtt tgtttctcct 180
gttttgtaat ggttgacttt gcttagtggt ctgtttcttc aaaccagcba ttgcacatct 240
gaatgccct 249

<210> 22718
<211> 122
<212> DNA
<213> Homo sapiens

<400> 22718
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caggaagtaa ttttcttctc attcttctaa aactactgcc tttcaaagtg cacacacacg 120
ct 122

<210> 22719
<211> 192
<212> DNA
<213> Homo sapiens

<400> 22719
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ccagtktggc atagatgata actgtattaa ctagaatatt aggtaattta aaattcccca 120

gtcatgtgga caaaagaaag tttgggttggc ttgtttgcct ttataaaaaat atttaagtta 180
gttaggccag gt 192

<210> 22720
<211> 239
<212> DNA
<213> Homo sapiens

<400> 22720
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ggtggagcag cccaggcagt rttgaagggtt aatctcagca ttagtgtggc atcagtaatt 120
cattctgtag agctggatct tccactcagg tttaatgcat cagacaatca gttccagtca 180
caataagggtg gcatgtagag gtatctggac aaaaagaata atttctttat gaggggcga 239

<210> 22721
<211> 364
<212> DNA
<213> Homo sapiens

<400> 22721
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gatcttcgga cagaaaaagg aaattgggccc gggcacgggtg gctcacacct ataatcccat 120
cacttttggga ggctgaggtg ggtggatcac ctgaggtcgg gagttcaaga ccagcctgac 180
caacatggag aaacccccgt ctctgctaaa aatacaaaat tggccgggggt ggtggcgcat 240
gcctgtaatc ccagctactc gggaggctga ggcbwbagaa tcccttgaac cggggagacg 300
gaggttbcag tgagccaaga ttgcgccatt gcactccagc ctgggcaaca agagtgaact 360
ctgt 364

<210> 22722
<211> 94
<212> DNA
<213> Homo sapiens

<400> 22722
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cctcaaaaca gaacaatatt tattaacaca acaa 94

<210> 22723
<211> 188
<212> DNA
<213> Homo sapiens

<400> 22723
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gcgatttggg gaacagacac tcccttctgt agccatggat tggtaacagaa cttcactaag 120
cagttccttg atttacccca ctgtgatcct ctgcttattt ggtttttttc tccatgatga 180
gaccccggt 188

<210> 22724
<211> 111
<212> DNA
<213> Homo sapiens

<400> 22724

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aggctcctac	atgtgttcat	gccacaaagg	ctatacccg	actccggacc	acaagcactg	240
tagagatatt	gatgaatgtc	agcaagggaa	tctatgtgta	aacgggcagt	gct	293

<210> 22730
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 <212> DNA
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<400> 22730						
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gtaacagttt	acactctagg	actgtttttg	attaatctgg	gttaggagag	acacatttat	180
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<210> 22731
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 <212> DNA
 <213> Homo sapiens

<400> 22731						
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atagttatat	caatcctaga	agccagag				208

<210> 22732
 <211> 192
 <212> DNA
 <213> Homo sapiens

<400> 22732						
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gaaaggggaa	aaagaggtca	gttaattggg	tttaaaaaaa	agatgaaata	agacaggctc	120
aaggaaaacg	gaaagggggc	aaaattgcgg	gaagtgtttg	gcctgtgggt	tcaaatgtta	180
tagacagacc	ag					192

<210> 22733
 <211> 252
 <212> DNA
 <213> Homo sapiens

<400> 22733						
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taaaatatat	ttggcatata	gtaggtgttc	aatatgttga	aggaatgaaa	gaatttatag	180
acttgagttg	caatataaaa	tgtatTTTTT	ttttactgtg	agttatggca	aaaaaagttt	240
tgaaagccgc	ag					252

<210> 22734
 <211> 245

<212> DNA

<213> Homo sapiens

<400> 22734

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caatctaaga	ttggcaaaaag	atcaaattgt	caaatcatat	ttacgtaaat	tatagattgt	180
acccagtacc	aaatttacta	gtgcttgaaa	ggacacaggt	gtagcaaaa	cacagaccaa	240
gcacg						245

<210> 22735

<211> 126

<212> DNA

<213> Homo sapiens

<400> 22735

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caaatgccaa	cactttctag	gtcccttttc	tagcaacct	ttcccaacat	acctacgcgc	120
cccaag						126

<210> 22736

<211> 424

<212> DNA

<213> Homo sapiens

<400> 22736

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ctggagaaat	ggcagaagag	catcgtggag	gagctctgtg	cgtgggtgga	gaagttcatc	180
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cgggccttga	cggaggaact	tcaccagaag	gtgtctgagg	aggccaaatc	gatcctgctg	360
aaactgcgcta	cgcgcgatgc	cgtgggtccg	ctgagcgcct	actcgtggg	cgggttcgca	420
gcgg						424

<210> 22737

<211> 238

<212> DNA

<213> Homo sapiens

<400> 22737

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gagcaatagc	aagaaataag	tgaggaaaag	gcctgggatg	gagtgaagtt	tctgaaaact	180
tcacactgag	gtggttgaat	cacctgattt	tgagaccatc	ccgaccaaca	tggagaaa	238

<210> 22738

<211> 432

<212> DNA

<213> Homo sapiens

<400> 22738

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atcaaatact	aggctgtgac	gaaattcttt	agaaaaactt	tgtaacagtt	ttgtgggatt	120

tttcaatata	aacctttatc	agaaatatac	taagtttgtc	tcccactgac	aacagatggt	180
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gaaattccac	tcctgtacag	ttactctgca	gckaattggc	atgcactgct	taatgctggt	300
cctgaatcat	gtwctcatgt	tagaccaaca	gctctccaat	tgtcattttt	tttctgcaga	360
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aatttcagat	tc					432

<210> 22739
 <211> 227
 <212> DNA
 <213> Homo sapiens

<400> 22739						
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aaatggaagt	aataccagca	catggtaaaa	aacacattgc	agctcatgaa	tgggtataaa	180
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gatttgaaat	ggcacttgta	tcaaataata	aattcacagg	tacacgtgag	tstgtdtcat	180
gcacaaagt	cctctttctt	agccagtaac	accaagtgct	aattaccatt	gctttgtagt	240
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<210> 22742
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 <212> DNA
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<400> 22742						
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 <212> DNA
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<400> 22743
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<210> 22744
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 <212> DNA
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<400> 22744
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 c 301

<210> 22745
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 <212> DNA
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<400> 22745
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 ggccac 126

<210> 22746
 <211> 108
 <212> DNA
 <213> Homo sapiens

<400> 22746
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<210> 22747
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 <212> DNA
 <213> Homo sapiens

<400> 22747
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 atctgatagc cttatthcagt cttcatcatt ttcctatgta gattatthtga 180
 cattatthtgt agcactacat aactgattat aaaaatctgt aaatgaatta gcactthtcat 240
 attgaaacaa gccagca 257

<210> 22748
 <211> 184
 <212> DNA
 <213> Homo sapiens

<400> 22748
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 cata 184

<210> 22749
 <211> 262
 <212> DNA
 <213> Homo sapiens

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 gcttgagccc atgcggtgag ctatgagtgc gccactgcgc tccagcctgg gccaagcagc 180
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 agtcctamaa tctctgcccc ta 262

<210> 22750
 <211> 191
 <212> DNA
 <213> Homo sapiens

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<210> 22751
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 <212> DNA
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<400> 22751
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 gcagaacgag agagaaagag agatagagag aggc 154

<210> 22752
 <211> 136
 <212> DNA
 <213> Homo sapiens

<400> 22752
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<210> 22753
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 <212> DNA
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<400> 22753
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<210> 22754
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<212> DNA
<213> Homo sapiens

<400> 22754
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tcttctacgc atttgcgat ttttgtctaa tttttcta atgttgctgtt aaagcatatt 180
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<210> 22755
<211> 96
<212> DNA
<213> Homo sapiens

<400> 22755
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taatcgccgt cctttgggga gcaggaacag ggaggg 96

<210> 22756
<211> 98
<212> DNA
<213> Homo sapiens

<400> 22756
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<210> 22757
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<212> DNA
<213> Homo sapiens

<400> 22757
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acatgcagca tctgcatggg atcctttatg tcatacctgt gagtcttggg gagaaagaga 240
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<210> 22758
<211> 147
<212> DNA
<213> Homo sapiens

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ccacccccac ccggaatcct cgccacggag aatccctgga gaagccccgg atccccggct 120
gggaggagga agtgctcggt gaccccc 147

<210> 22759
<211> 304
<212> DNA
<213> Homo sapiens

<400> 22759
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ttta 304

<210> 22760
<211> 157
<212> DNA
<213> Homo sapiens

<400> 22760
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gatagcttga gcccaggagt tcgagacctg cctgggcaat atagcgagac cccgttctcc 120
agaaaaagga aaaaaaaaaa caaaagacaa aaaaaaa 157

<210> 22761
<211> 451
<212> DNA
<213> Homo sapiens

<400> 22761
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tgttgtttcc taacatgtcg attaccagaa cgttagaatt ttacctaatt tcttgtggat 120
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gatcttacat gagcataatc atccttatac ttcatgaggg gattattagt acaatcccca 420
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<210> 22762
<211> 173
<212> DNA
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<400> 22762
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gcaactcgac aactgccggg acggagtctg gctgcccagc cccctgcggc aggtgctggg 120
cgaggcgctt cccctgcaac tagcctgccg cttcccttcc ggcacccccg cac 173

<210> 22763
<211> 236
<212> DNA
<213> Homo sapiens

<400> 22763
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cgcgcggtggc ccggggccaga taatttttgt acctttattt tttgaatttg ttaattagct 180
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<210> 22764
<211> 156
<212> DNA
<213> Homo sapiens

<400> 22764
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aaaagagata aattcttgca gaaaacaggg aatccc 156

<210> 22765
<211> 225
<212> DNA
<213> Homo sapiens

<400> 22765
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<210> 22766
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<212> DNA
<213> Homo sapiens

<400> 22766
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ttagaactat atcctttact ataatacaca tgcacacca 160

<210> 22767
<211> 249
<212> DNA
<213> Homo sapiens

<400> 22767
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agtatcagag tatcacgctc tggttatattt cctaggaaca cagacagacc tatgggaaca 240
cacgggtaa 249

<210> 22768
<211> 156
<212> DNA
<213> Homo sapiens

<400> 22768
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aaatgtccat tggttgacaa acgttggaca tactgcatga ctatactgca aataaaaaaa 120
gtggaaatgg aataagaaag ataaactata agcccc 156

<210> 22769
<211> 310
<212> DNA
<213> Homo sapiens

<400> 22769
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acgcctatag tagaatgttc acttcttgtt ttcacatctt aaaaatgtat atgagcaacc 300
tggagcgctc 310

<210> 22770
<211> 201
<212> DNA
<213> Homo sapiens

<400> 22770
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<210> 22771
<211> 189
<212> DNA
<213> Homo sapiens

<400> 22771
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<210> 22772
<211> 344
<212> DNA
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ctctcaaata ggaatttaga gtgatgggtcc ttgagtcaga gaggccacta gagaaagttt 240
gactttccat gtagaatagc aagctctcct ctggcaagtc ttttcagac aaggctctat 300
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<210> 22773
<211> 176
<212> DNA
<213> Homo sapiens

<400> 22773
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<210> 22774
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<212> DNA
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<400> 22774
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<210> 22775
<211> 216
<212> DNA
<213> Homo sapiens

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<210> 22776
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<212> DNA
<213> Homo sapiens

<400> 22776
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<210> 22777
 <211> 253
 <212> DNA
 <213> Homo sapiens

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 aaaaaaaaaa aaa 253

<210> 22778
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 <212> DNA
 <213> Homo sapiens

<400> 22778
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<210> 22779
 <211> 237
 <212> DNA
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<210> 22780
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 <212> DNA
 <213> Homo sapiens

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<210> 22781
 <211> 167
 <212> DNA
 <213> Homo sapiens

<400> 22781
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<210> 22782
<211> 200
<212> DNA
<213> Homo sapiens

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<210> 22783
<211> 364
<212> DNA
<213> Homo sapiens

<400> 22783
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<210> 22784
<211> 177
<212> DNA
<213> Homo sapiens

<400> 22784
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<210> 22785
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<212> DNA
<213> Homo sapiens

<400> 22785
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<210> 22786

<211> 352
<212> DNA
<213> Homo sapiens

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gcgggcggtg tggcgggcgc ctgtggccac ggccgctcgg gaggtctagg cgggagaatc 300
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<210> 22787
<211> 134
<212> DNA
<213> Homo sapiens

<400> 22787
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ggctcaccgc ctgc 134

<210> 22788
<211> 314
<212> DNA
<213> Homo sapiens

<400> 22788
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atgtcatcag ttaaggcagg aacaggccac tttcatttct tttgtggtgg aatgtcatca 180
gttaaggcag gaaccggcca tctggatgtg tacatgcagg tcacagggga tatgatggct 240
tagcttgggc tcagaggcct ggcaagtata atgtggcatt tctggaaatc agactcccca 300
ccccgacccc aagc 314

<210> 22789
<211> 97
<212> DNA
<213> Homo sapiens

<400> 22789
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cgggtgacgc cgcgctcgt gtgggactgc atccggt 97

<210> 22790
<211> 399
<212> DNA
<213> Homo sapiens

<400> 22790
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cattatctgg catccaatcc aaattatgag acaggacaac ataagaraaa ccctaccttc 180
taaaccaaac cataactgat acagacatta ggatgagcag attaagtaca ttaagacagt 240

tactataact	gtagttcata	tgttcaaaaa	gctatagaag	tgtaattcac	catattgac	300
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<210> 22791
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 <212> DNA
 <213> Homo sapiens

<400> 22791						
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<210> 22792
 <211> 226
 <212> DNA
 <213> Homo sapiens

<400> 22792						
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tatttctttt	ttttaaaaa	agaagatact	attcttaatt	gtatacaaga	agcagctgag	180
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<210> 22793
 <211> 410
 <212> DNA
 <213> Homo sapiens

<400> 22793						
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agaggcatga	agcagaagct	gccctgttga	gaatctagag	gagttttggg	gttggaatg	300
gcaggctgca	cattcacctt	agaaggtagt	tggctattcc	ccaccttgca	ggatacaatc	360
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<210> 22794
 <211> 241
 <212> DNA
 <213> Homo sapiens

<400> 22794						
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gatattttaca	tctaaggaca	ataccagatg	cattctgtcc	acctagaaat	ctctgtcgcc	180
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<210> 22795
 <211> 432
 <212> DNA

<213> Homo sapiens

<400> 22795

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gtatgtgtgt	gtctgtgtcc	agatttcttt	ctttaataag	gacatcaata	ttgttagatt	180
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taaaaggbaa	atggggcaca	atggtggact	aggaagctcc	aggcccttgt	tttcttaggg	360
aaacattcca	taagcaagta	agaccatctg	aaagaacttc	acatgtgctc	tgaaaaccaa	420
agatgtacag	ca					432

<210> 22796

<211> 321

<212> DNA

<213> Homo sapiens

<400> 22796

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atgtggcagg	attctcttct	aagattatca	tattggctaa	aatgtagttt	gccaggctaa	180
gttctatcag	aggctctgtg	gaaaatccac	ttcaaagctt	attcttatcg	acagggttca	240
gttcctgtgg	ttgtaggact	aagggttctg	ttttctggct	ggctgccaat	cagggtctgt	300
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<210> 22797

<211> 191

<212> DNA

<213> Homo sapiens

<400> 22797

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aaccccgctc	ctactaaaaa	tacaaaaaat	tagccggggc	tggtagcgag	cgctgtagtg	180
cccagctact	c					191

<210> 22798

<211> 347

<212> DNA

<213> Homo sapiens

<400> 22798

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tgtctttttg	tgattggctt	atttccctta	gcatgatgtc	ctcaagggtc	atccagggtg	180
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taaccatgga	aatgaggagg	ccgcttctgt	gtttcctctt	cttgaaatgg	gatgggaaaa	300
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<210> 22799

<211> 51

<212> DNA

<213> Homo sapiens

<400> 22799
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<210> 22800
<211> 373
<212> DNA
<213> Homo sapiens

<400> 22800
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attttataat tatacatccc tatgtattta gtgaaagtac tattattcta gtacactaga 180
gactaatcac actagttctt taacgtaaaa gaacttaata gaacagaata aagtaggttc 240
ttatttctgg agattgtgtt cattctttta aaatttaact gaactgttca gagacaattg 300
tgagttcggt ggccacatta tttatttggc atakttgctt agatacaaaa tgaacttaaa 360
aagagcaccc aca 373

<210> 22801
<211> 231
<212> DNA
<213> Homo sapiens

<400> 22801
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cttaaatattg tgtgtgtcca acagttgaat tgaatgtcta taagggtctaa aggtagaatg 120
tgaatattgc cacagagttc attgctctca gtataagatt ttactttatt aatgcagaag 180
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<210> 22802
<211> 162
<212> DNA
<213> Homo sapiens

<400> 22802
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gttttcttga aacactgaga caaatagttt tcatctgctg atgtacactt agaaatataa 120
ctcaggagtc tgtgcatctg cagagatttt attccacac ag 162

<210> 22803
<211> 195
<212> DNA
<213> Homo sapiens

<400> 22803
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catcatggct tcaacatcca ggtaggagtg ctggttgatc aaatgtttta ttgaagaatt 180
tattccccta tgctg 195

<210> 22804
<211> 372
<212> DNA
<213> Homo sapiens

<400> 22804
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ctggccaaca tgggtgaaacc cattctctac taaaaatata aaaatttagca gagtgtggtg 120
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ccagctaatt ttgtgttttt agtagagaca gggtttctcc atgttggtca ggctgggttc 240
gaactcccat cctcagggtga tctgcccgt tgggcctccc aaagtgtctg gattacgggc 300
atgagccacc gtgocctggcc tagtgctaca cactttttaa caaccaattc tcatgagaac 360
tctatcacca gt 372

<210> 22805
<211> 172
<212> DNA
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<400> 22805
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cagatattta atgggttaact gttggtttga gacctttaat gtgttgagta tattcaccta 120
tttcaatttt ttttctgttt aagttttttt ttttaaaatc agatatggca ta 172

<210> 22806
<211> 429
<212> DNA
<213> Homo sapiens

<400> 22806
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atttacattt ctacttctga tgcttttgcc taagaagatt atttcaacta cctttcccct 120
tttcttctca tgacagtgaaggacttctt taaaataatt ctcccctata tatcagagac 180
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tataaaacat tcttattggg gatggtgctg ggtcctcaga tatcagrngg gnaganaagt 360
gcaactgttta gggtccatct gaatgckcca tcagctctat gaagaatata atttttaaat 420
gcacacatt 429

<210> 22807
<211> 155
<212> DNA
<213> Homo sapiens

<400> 22807
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tctgcccata tcttcatcc cctcacggac cccc 155

<210> 22808
<211> 189
<212> DNA
<213> Homo sapiens

<400> 22808
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ctgttccagc atttctccaa gatgagagt atgacagaga aacagatata gcatcagaaa 180
gcagtdaat 189

<210> 22809
<211> 418
<212> DNA
<213> Homo sapiens

<400> 22809
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aataaagtaa tagagatgct gaaacgaaca ataaagccag gatgttaaaa tagattctag 120
tsaaaactta atattttgaa aatgtacatg gtcctctgtt cctctgagtk aagcaaggat 180
tcactttcca accatggatc gtcacggatc atgatatcat acatcattat cactaccacc 240
tgcttggaaca aggaaactgt gtgamaccac tgattgttcc agcagtgcag ttggagtgc 300
ggctccattt cttgctctgc ttcttactgg cagtgtgact tggagcaagt tacttagcct 360
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<210> 22810
<211> 323
<212> DNA
<213> Homo sapiens

<400> 22810
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gtcacagctc tgcccaggca tttctgtgtc tgcattctcc tgctgtactt gcataatcaag 180
aagcatttca gaccacagga atgcaggatt ccaaggcgcc aatttacctt ggaatttgaa 240
aagatgatgg aaatgatgtt aaagaaaaag aaaattcgag tgattttctt atttgaggtc 300
aaaatgggtc ataaagcagt rtc 323

<210> 22811
<211> 128
<212> DNA
<213> Homo sapiens

<400> 22811
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cctcaggccc tcaggttcac ttctgtaact aaggcttcag gatgggtcat tcagcaaccc 120
cagagcct 128

<210> 22812
<211> 151
<212> DNA
<213> Homo sapiens

<400> 22812
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cgatctggag agcggcgggc tgctgcatga g 151

<210> 22813
<211> 231
<212> DNA
<213> Homo sapiens

<400> 22813

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actatcaatt	atcagagccc	atgaagccca	agatgctggg	tatcgaatgt	acaggaagag	180
ccaagccaca	ggctttccat	cacttattac	aattttctct	gcccccaatg	g	231

<210> 22814

<211> 316

<212> DNA

<213> Homo sapiens

<400> 22814

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ctcaaccttt	tgtgtagctg	ggactacagg	tgcatgccac	cacacccaac	tctaggaagt	120
cattttgaat	tgagattgct	cttgagggtat	tttggagcat	gtcatttggt	atatgctttt	180
aaaaataatt	taaagtgtta	taaggcaaat	tttaattaaa	cagtgtacat	tcagttattt	240
accttcaaag	tgaaaagttc	attgaaacag	tgttcgttaag	atgctgggtc	ctgtctgatt	300
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<210> 22815

<211> 137

<212> DNA

<213> Homo sapiens

<400> 22815

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<210> 22816

<211> 333

<212> DNA

<213> Homo sapiens

<400> 22816

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tgccatatagt	ttctctgtct	atcttttagtc	actattccct	ccataaaacc	tcaaattcaa	180
cttctgtttc	aacaactcca	tggaatcaac	tcttactaaa	gccaccaatt	attttcttac	240
cacttaatca	actgtactcg	agtagtcctc	atatcatgcc	acctctcaga	atcattctac	300
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<210> 22817

<211> 383

<212> DNA

<213> Homo sapiens

<400> 22817

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aatgtttatt	ttttgagggt	tttttggttt	tatttggtg	tttttktttt	ttwaagycas	300
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ycbaaatgtt	tkgaccgggc	ata				383

<210> 22818
<211> 73
<212> DNA
<213> Homo sapiens

<400> 22818
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ggacgacgag gaa 73

<210> 22819
<211> 186
<212> DNA
<213> Homo sapiens

<400> 22819
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acgttttaggg tgaagtgcct tggcacggga tttctcagct tcggtggaag atacgaaaag 180
ggtggtt 186

<210> 22820
<211> 336
<212> DNA
<213> Homo sapiens

<400> 22820
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<210> 22821
<211> 170
<212> DNA
<213> Homo sapiens

<400> 22821
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agctggaacc gcagtgtgtg ccactacacc tggctagatt tttttaattt 170

<210> 22822
<211> 313
<212> DNA
<213> Homo sapiens

<400> 22822
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atgcctatct cagcaatcct gctaagcact atactctgga taaggtaatt accttctttt 180
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<213> Homo sapiens

<400> 22827

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<210> 22828

<211> 99

<212> DNA

<213> Homo sapiens

<400> 22828

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<210> 22829

<211> 149

<212> DNA

<213> Homo sapiens

<400> 22829

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<210> 22830

<211> 280

<212> DNA

<213> Homo sapiens

<400> 22830

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gagaagaaga	agaaaaaaat	accagttcat	aacaacatat	atatgagaat	attttctact	180
gacataat	atagtagcca	agaactagaa	ataaagtaat	gccacctat	agaagaataa	240
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<210> 22831

<211> 370

<212> DNA

<213> Homo sapiens

<400> 22831

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gctatttctt	gccttctgtt	agcttttgaa	tgtgtttgct	cttgcttttc	tagttctttt	180
aattgtgatg	ttaggggtgc	aatttttagat	ctttcctgct	ttctcttg	gacatttagt	240
gctagaaatt	tccctctaca	cactgctttg	aatgtgtccc	agagattctg	gtatgttgag	300
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<210> 22832

<211> 429

<212> DNA

<213> Homo sapiens

<400> 22832

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attacatatt	atttaaagta	acttaaccaa	actgctaggg	gagtagtact	actactagag	180
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ttattctgtg	ctacttctgt	gaataaagta	ttcatatgat	acttgccctg	gaagcaataa	300
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agtaatatc	aacaaatggt	tattgaatgc	ctactgggct	gaagcaagat	caagtatact	420
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<210> 22833

<211> 114

<212> DNA

<213> Homo sapiens

<400> 22833

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<210> 22834

<211> 396

<212> DNA

<213> Homo sapiens

<400> 22834

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gagaaggatg	gatttgtggg	accctggaag	gcagcatatc	gggggcgggt	taagcagaga	180
aatgatagga	tctgatgtat	atttttaaaag	gatcattaag	tctggtgtgg	tgaatagact	240
cttgggggaa	gaggaacaa	aggtgggcat	agagagacca	gttaggaggc	actgagagga	300
gggtatggtc	agaaaatgag	atgtttgatg	attttggaag	taaagcagtt	acaagtgata	360
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<210> 22835

<211> 233

<212> DNA

<213> Homo sapiens

<400> 22835

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tagctgagtt	acaggatgta	aatagagagg	gtctgggtaa	tttatggatg	agaggtttgg	180
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<210> 22836

<211> 418

<212> DNA

<213> Homo sapiens

<400> 22836

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gtggatgggt ggaggaagag cataggcaca gatggccacg tggagtgtgg tccacagata 180
agtcacctgg tggagtgcag ccacagtgcc tgagttagga ggtctcagct cgtgagtgtg 240
tcttagctca acgatacact caagatcctt gagctaggag aaacctata aaccacctaa 300
gtggatgcct tctctttaga gaggagaadg cttaggtcac agagaggctg tgacctcccc 360
caagggtggt gcagaaagcg gccatagcag traaggggaa aggcctcgtg gcgttggg 418

<210> 22837
<211> 235
<212> DNA
<213> Homo sapiens

<400> 22837
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aatamatcca attaaagctc awgctggggg cggggagaag aggatactga aacatttgtg 120
aatgtatga atgcacttct gtaaccagat acttcwgttc ttcwgttcaa attgtggggg 180
ttttgtdata gtwaggacgc ccatgaagat ttaggggtga aaaaaacagc agagc 235

<210> 22838
<211> 91
<212> DNA
<213> Homo sapiens

<400> 22838
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ctggtgccag gtcttcgtta acccgcccc a 91

<210> 22839
<211> 106
<212> DNA
<213> Homo sapiens

<400> 22839
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cccagcccg gctttcttgg ggccgcccc cttctaccgg gtgtat 106

<210> 22840
<211> 192
<212> DNA
<213> Homo sapiens

<400> 22840
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gtagccaata gaagttgacc tagattgtgg taatttttaa tgatctaatt gaaatattaa 120
tcatctaaat caaaattggc aggcaagtcc tcaaaaggta ccagctcaca attatttttt 180
gacctacccc tc 192

<210> 22841
<211> 272
<212> DNA
<213> Homo sapiens

<400> 22841
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 ccagtagtg ggatggctgg gtcaaatggt atttctagtt ctagatccct gaggaatcgc 180
 cactactgact tccgcaatgg ttgaactagt ttacagtccc accaacagtg taaaagtgtt 240
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<210> 22842
 <211> 332
 <212> DNA
 <213> Homo sapiens

<400> 22842
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 atgcaacccc agaaagggtg ctctgatagt actggagaag gtttactgct tgcctgtca 180
 tcgtagttca tgtttttttc cccaaggcca aagattgggc tgggattggg gtggtagtgt 240
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<210> 22843
 <211> 81
 <212> DNA
 <213> Homo sapiens

<400> 22843
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 cttttccttt ccctgtctct g 81

<210> 22844
 <211> 202
 <212> DNA
 <213> Homo sapiens

<400> 22844
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 ctgatgactc tcaaagctcc acttcattcg agcttgccct caatcctaaa accatgtgtc 180
 caacagaccc cacaacccca ac 202

<210> 22845
 <211> 259
 <212> DNA
 <213> Homo sapiens

<400> 22845
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 tacatcatat acaaaaatta actcaaaata gatcaaatat ctaaacataa gagctaaaac 180
 tataaaaactc ttagaagaca acatagggga taagcttcac aacattggat ttggcagtgg 240
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<210> 22846
 <211> 227
 <212> DNA
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<400> 22846
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 agggaggtga tcatgcacca tggcactggc cccagaacg tccagcatca gctgcagagg 180
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<210> 22847
 <211> 384
 <212> DNA
 <213> Homo sapiens

<400> 22847
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 agaaaaattc taccaagctc aaaaatcatc acacaaaaaa caaccactta gagtctctgg 180
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 tcctttttctc tcttcgcata gtaaggaccc atagtbccctc cctgggtgaca cttcctactt 300
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<210> 22848
 <211> 462
 <212> DNA
 <213> Homo sapiens

<400> 22848
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 tttcattaaa ttggtacagg aatgtagag gaagggtcag tttcattttg ggaataaaat 180
 gttagggttaa aggtcaccta ctccacttcc caccaggtta aaaatccctg taacacttat 240
 tagatgtact tctaattctt acctaaacac ttccatactt ccaatgagag ggagctcaca 300
 tgtagcagcc atttccactt ctggatgggt cgacatgctt atcatcaact gaaatctgcc 360
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<210> 22849
 <211> 151
 <212> DNA
 <213> Homo sapiens

<400> 22849
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 gcttcgaaaa catcctgctc cacctccatc a 151

<210> 22850
 <211> 385
 <212> DNA
 <213> Homo sapiens

<400> 22850
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 gggaccaggg gaagactcgg agtgcgatgg cggcgcaaat tccaattgtg gccaccactt 120

ccactcccg	aatagtccg	aacagcaaga	agaggccggc	cagcccttcc	cacaatggca	180
gcagcgccg	gggctatgg	gccagtaaga	agaaaaaagc	gtccgcttcc	agctttgogc	240
agacgtgcct	ttcgcccttcc	accatgattg	tkaggcctcc	ccagccacgt	ggaactgtga	300
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<210> 22851
 <211> 205
 <212> DNA
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<400> 22851						
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tgcaaagagt	tatatgactt	cttggttcagt	ttttgctaata	gctcgtatct	ccttgattac	180
ataatgttag	tagcactgag	accca				205

<210> 22852
 <211> 258
 <212> DNA
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<400> 22852						
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ctctcacagg	tgcggtgtgt	tcgggtgcaa	gtkaagatta	tgactgatgc	ttaaaaccaa	120
acgtaaaatt	ccagggtggg	ttgctatggg	agaarcatt	agaacaatct	gagtgggttc	180
agttgcaagt	gtgtgtctat	gtgcaagaac	tacaatcaag	attcaacttc	tggtttgar	240
ggkctcttta	ataacagt					258

<210> 22853
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 <212> DNA
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<400> 22853						
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cgcaatgggc	tgctccagca	gcgcctcaa	caagg			155

<210> 22854
 <211> 462
 <212> DNA
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<400> 22854						
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aaaagcaaca	tactaatgtt	tacactaaca	gtagatttta	gtcttattat	agagctgtgt	120
atctattggc	ataacattaa	ttctgtggac	gaaaactatg	tataagaata	ttatcaatag	180
tattgactga	ttcttgaact	cctggtttca	agtgtcctc	cagcctctgc	ctcccaaagc	240
actggtatta	cagtgtccag	ccggtatcaa	ctgattctaa	aagattacta	aattccacta	300
aattataaat	agtatttgtt	gagtaacaaa	tttttcttag	atattattta	tttagtcagc	360
agcagtttcc	aaagaggcat	catcagcagg	tggttcttaac	tctttacaga	gatgggggtwc	420
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<210> 22855
 <211> 186
 <212> DNA
 <213> Homo sapiens

<400> 22855
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 agcatctgaa aaagaagccc attcctcttt atagtggaa ttagtaagta gatctaacc 180
 gagcac 186

<210> 22856
 <211> 184
 <212> DNA
 <213> Homo sapiens

<400> 22856
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 gtcacccagg ctggagtkyt gtggcgcaat ctcagctcac tgcattcctcc acttcccggg 120
 ttcaggcgat tctcctgcct cggcctctgg agtagccgag aatgcaggca cccaccacca 180
 cgaa 184

<210> 22857
 <211> 142
 <212> DNA
 <213> Homo sapiens

<400> 22857
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 catttttccc cttgattata gaggtttgag aaaaatttga gggaagattc agaaaattac 120
 ctgtaactga acagaatgcc ac 142

<210> 22858
 <211> 206
 <212> DNA
 <213> Homo sapiens

<400> 22858
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 ttatcattta atgtacaata ctgtaataaa actgtgcatg gcttttatac agcttttagta 120
 aatgtcaaat aaagtggtag agactcatta caacaagttt ctcataaaaa tacaataaat 180
 aggaaaatga aattcagaaa cccaaa 206

<210> 22859
 <211> 287
 <212> DNA
 <213> Homo sapiens

<400> 22859
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 tttattatt ctactgtatt gattctgctt cacacctgag gacaagggca ttgccagaac 180
 atggacttaa tttttttccc tgttcttagt ctgttagcca tccatggata caaacataaa 240
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<210> 22860

<211> 188

<212> DNA

<213> Homo sapiens

<400> 22860

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tccccgggc	ctggagtggc	tctgtcgct	tctggcgctc	cgatttcgag	aaatgacttt	120
cagctgtgca	agccaacgag	tggataaaga	aaatgtgata	tatatgcact	atggaatact	180
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<210> 22861

<211> 338

<212> DNA

<213> Homo sapiens

<400> 22861

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aagttcaaaa	ttgttcattt	taagagaaaa	ggaaataaat	atactccaag	taatgattgc	180
ctgaattaat	gattaaatgg	aagatgataa	gcaaggatca	atggaggatt	ttctcatttt	240
ttaagtcatc	tgttttgttc	tgtactcctc	agaacagatg	cttttagaggt	gattcaatct	300
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<210> 22862

<211> 75

<212> DNA

<213> Homo sapiens

<400> 22862

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<210> 22863

<211> 169

<212> DNA

<213> Homo sapiens

<400> 22863

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tccctgactg	agcacctccc	ccgcctccct	gcccccgaca	tggctcagga	gaagatggag	120
ctagacctgg	agctgcctcc	gggtacgggc	gggagccngc	ggagggcaa		169

<210> 22864

<211> 212

<212> DNA

<213> Homo sapiens

<400> 22864

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cacatagagc	aaaaggaaag	atgtcttttt	tgttgtgtga	agccactgct	acctggatgc	120
ttttcagtct	gccttcagct	catggttttc	tggttttata	tatatctaac	tttatacttt	180
aaaaccttta	aagtagaaat	tgtagagccc	ag			212

<210> 22865
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 <212> DNA
 <213> Homo sapiens

<400> 22865
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 gtgggtgggat tggtgggtga aatgggtattt ctgattctag atcttgcgca cacaatcttc 240
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<210> 22866
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 <212> DNA
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<400> 22866
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 ccc 183

<210> 22867
 <211> 335
 <212> DNA
 <213> Homo sapiens

<400> 22867
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 catttaaaaa tatctaattg tcaaaatctt gtaagtttaa aattttttat gacattgaaa 120
 taccatattt attttcaatt tktttctctt actacaaaaa atacatttat cttgtctctg 180
 ggatagaata caaatgtttt gtttcattgg aatgtttgat gttagtacaa cttgccatgt 240
 ggtaaatggc ctatatgtat ttgttgacac aatgctaact ccttcaaata tactttattt 300
 caattagaaa gtattttatt agtgtatcaa tgttc 335

<210> 22868
 <211> 112
 <212> DNA
 <213> Homo sapiens

<400> 22868
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 ggaaaaagca ggacaaaaag caatcaacca aaatcgtatc tactacctgg ca 112

<210> 22869
 <211> 205
 <212> DNA
 <213> Homo sapiens

<400> 22869
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cgggcgctgt cagccgctga aaaaaaaaaat cttccccgag gctgccc aaa tcagaactgt 180
gtatctttta tttactcacg tccgt 205

<210> 22870
<211> 152
<212> DNA
<213> Homo sapiens

<400> 22870
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agtgtgcac cagataacat taaagacata tc 152

<210> 22871
<211> 383
<212> DNA
<213> Homo sapiens

<400> 22871
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gagaccagcc ccccccaaa cagctagtgg agaaggagca atgctgaggg gtgaggcctc 180
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aaggaaagga ggcacagccc agagaacccc tttggggata ctaaagacag aagaggggaa 360
ggtggccctt agagacagag ctt 383

<210> 22872
<211> 267
<212> DNA
<213> Homo sapiens

<400> 22872
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tgatggctct cctcctccc tccccatttc attggcgtaa cgtaaagtgt attctgtaca 180
taattttaca ataaaacatt ttattttaat tgttacttat tatttagata tttctcaaca 240
cttaattca taaaattaag accatga 267

<210> 22873
<211> 282
<212> DNA
<213> Homo sapiens

<400> 22873
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cagttccata aaaaaacaaa taaaaccctg ctgaaattac ttggatgcaa ttatcagttt 240
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<210> 22874
<211> 317
<212> DNA

<213> Homo sapiens

<400> 22874

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ggtttgggggt tttcaccaca atttcactcg cgtccatgtg aagagaccac caaacagggt	180
tgtgtgagca ataaagctgt ttatttcacc tgggtgcagg tgggctgagt ccgaaaacag	240
tcagtgaagg gagataagga tggggccatt ttataggatt tgggtagata aaggaaaatt	300
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<210> 22875

<211> 138

<212> DNA

<213> Homo sapiens

<400> 22875

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<210> 22876

<211> 138

<212> DNA

<213> Homo sapiens

<400> 22876

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actcacgcac acctcaaa	138

<210> 22877

<211> 331

<212> DNA

<213> Homo sapiens

<400> 22877

caacctttgt ggagccatcg aagcctgcct ttagttatat ctgtggcggt ctcttgtaag	60
tggaaatgta attgtgtacc agtttcttaa aataaataaa gcttcatact gtgacagatc	120
tgtttcctat gaaaacaaa caatgattcc acagtcataa tgatggcaaa atcttaaaat	180
gtgctacatt tgagaatagc tcaccaagca aaatatttaa agttaatgat ggtgtagcaa	240
tgattgttgc taggctacag agttgtatat gtaatgtata gctgaaatca ttaaatagaca	300
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<210> 22878

<211> 224

<212> DNA

<213> Homo sapiens

<400> 22878

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aagcctgatg aagtcctccg atattgatca ggatttattc acagacagtt actgcaaggt	180
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<210> 22879

<211> 473

<212> DNA

<213> Homo sapiens

<400> 22879

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aagagatgta	tatatgtgaa	atgtatcaag	ctggatcttg	tttgacaag	tctctgcttt	180
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tggaaagatc	tttagcatta	actaggtgag	gctaggacaa	tgtcatgtag	ctggacctct	300
ttgcagttaa	agacttgagg	acttgtacct	ttctgtccta	ttggacctgg	tccattttcc	360
ccccagggag	ggaagtctga	ttcctaata	agtaacaatt	tcaaaaacag	tttcttgctc	420
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<210> 22880

<211> 355

<212> DNA

<213> Homo sapiens

<400> 22880

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tgtcaagmrq	tgtgcttcat	tgggaatcga	tgcagcaccc	tcctgcctgc	aagctgacta	180
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acaactcctg	catcttcttc	ccctgctttt	cttggcacat	ctactgatac	tagctcctaa	300
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<210> 22881

<211> 235

<212> DNA

<213> Homo sapiens

<400> 22881

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ccaaggtttt	gccgtccgaa	gmtaagtggg	gactgtcggc	gtctccacct	atcgggggtgg	180
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<210> 22882

<211> 155

<212> DNA

<213> Homo sapiens

<400> 22882

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<210> 22883

<211> 263

<212> DNA

<213> Homo sapiens

<400> 22883
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 acagatatca atagttaaag aaagtaatat ttattttcct atttaaaatg ttaagataat 180
 taccacagag acaaatttaa atacttggtta aactaatata gtgagctatt ctatagacaa 240
 caataggaga aatgggggaa ggt 263

<210> 22884
 <211> 159
 <212> DNA
 <213> Homo sapiens

<400> 22884
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<210> 22885
 <211> 262
 <212> DNA
 <213> Homo sapiens

<400> 22885
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 cagtagtcgr gaatgactaa aaaaagaaaa cgccaacatg attttcaaaa agtaaaattg 180
 aaagttggtg aaaagaagcc caagttacaa aatgctactc ctacaaactt taaaacaaag 240
 actatacatc tgcttgagca gt 262

<210> 22886
 <211> 244
 <212> DNA
 <213> Homo sapiens

<400> 22886
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 ccggaattct gtaacaata aagatgaaag aaaaaatgaa aactttatac aaaaaaggac 180
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 aaga 244

<210> 22887
 <211> 53
 <212> DNA
 <213> Homo sapiens

<400> 22887
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<210> 22888
 <211> 450
 <212> DNA
 <213> Homo sapiens

<400> 22888
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 gagagtcaaa caattactat ttgaaaatct cttatgacat ttttataatc tactctgttt 180
 ttattttgcat gattatgctt atgtgatgaa ccatccatga ttctgatatt gtatttcttt 240
 ccagtattaa catgtgtatt gtgtggccaa ctctgatttg tacaccgtat tattgttgta 300
 atgattcaac tgttcctaca ttgattgca gtttaattat tatgcctttt ggggttaaat 360
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<210> 22889
 <211> 429
 <212> DNA
 <213> Homo sapiens

<400> 22889
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 aaggatgtcc attttaacca cttctattca acattgttct ggaagtccta gccagagtaa 120
 ttagacagga gaaaggaatg aaaggcatcc aaattrgaaa ggaggaactc agggccgggc 180
 atggtggctc acgcgtgtaa tcccagcact ttgggagtc aaggcaggaa gatcacctga 240
 ggtcaggagt ttgagaccag cctggccaac atggtgaaac cctgtctcca ctaaaaatac 300
 aaaaatgagc cagttgtggt ggtgggtgcc tgtagtccca gctactcagg aggctgaggc 360
 agaagaatcg cttcagcttg ggaggcagag gttgcagtga gccaagattg cgccactgca 420
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<210> 22890
 <211> 70
 <212> DNA
 <213> Homo sapiens

<400> 22890
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 ggcggcgact 70

<210> 22891
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 <212> DNA
 <213> Homo sapiens

<400> 22891
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 ggaatcggac aggtgatgcc agcagttcct gtcctctgt cagggaagcc aggcagagcc 120
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<210> 22892
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 <212> DNA
 <213> Homo sapiens

<400> 22892
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 ttaaaacttt taatatattg acatctttta tttattatca ttattgttta catggaataa 180
 aaaattctta tttttatgaa aatagattca aactgtatat aattatgtga attatgtgtc 240

ttgacttttta attttaaata tataatgaac 270

<210> 22893
<211> 305
<212> DNA
<213> Homo sapiens

<400> 22893
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tgcacttttc ttcactgacc attagttaga aagagttcag agataagtat gtgtatcttt 180
caatttcagc aaacctaatt ttttaaaaaa agttttacat aggaaatatg ttggaaatga 240
tactttacaa agatattcat aatTTTTTTT tgtaatcagc tactttgtat atttacatga 300
gcgct 305

<210> 22894
<211> 283
<212> DNA
<213> Homo sapiens

<400> 22894
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gtcattgttg aagttatttg taattcagaa accttgcttg tgtgatacat agtaagtctc 120
ttcatttatt actgcttgtc tgttggtata tctggattat caaaagcaat agtgcaccaa 180
ttaagatgtg ctcaaactcag gacttaaatac ataggcacca cttttttcat gtcagactag 240
ttactttggt gattctcagt tactgtaggc atcaaaaaggc ata 283

<210> 22895
<211> 214
<212> DNA
<213> Homo sapiens

<400> 22895
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tgtgggttag agaaaagggc ccccaaccac aarrgttagt ggttcttatt ctgtctgctt 120
cgtactaggt atatggtaac tgagaaagtc acttaacctc tctgaacctt aacttcgtca 180
tctataaagt gaatctaaca ttttcccccc ggcc 214

<210> 22896
<211> 113
<212> DNA
<213> Homo sapiens

<400> 22896
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<210> 22897
<211> 216
<212> DNA
<213> Homo sapiens

<400> 22897
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tctgtgtaa	tcctaaacgc	tcaataaata	tttcttaaaa	tgaagataat	tctccttgac	180
agaaaattga	tcttactgag	catatatcca	ctgagt			216

<210> 22898
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 <212> DNA
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<400> 22898						
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<210> 22899
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 <212> DNA
 <213> Homo sapiens

<400> 22899						
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gtgtgatcgt	gcgtcagagt	cggggctgag	accagccctg	gccagggcag	ttaccaggac	120
ggtctccgga	ggccgggatt	cgcgaggagg	ccaccagcag	gaagaaaccc	a	171

<210> 22900
 <211> 419
 <212> DNA
 <213> Homo sapiens

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agtcgggttg	cactgctgtg	atccatcctc	atctcctaaa	gatgcaccc	gacttatctc	180
cacacttgca	cactgaagaa	tgcaacgtct	tgattaactt	gcttaaggaa	tgtcacaaaa	240
atcacaaat	tctgaaattt	tttggttatt	gtaatgatgt	tgatcgggag	ttgagaaaat	300
gcctgaagaa	tgaggttctt	gctctgtcac	ctaagctgga	gtgcagtagg	gtgatcgtaa	360
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<210> 22901
 <211> 220
 <212> DNA
 <213> Homo sapiens

<400> 22901						
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tctctattga	agttattcta	agctcatcaa	ggacctttta	gaaacagtgc	ttacattgtg	120
taatgtgaaa	tcccacctgc	cccatgccat	tagaccagag	ggagtatgat	gtgaccatta	180
aacatgctat	gcgtatatca	gaatatcaca	tgcccccgcc			220

<210> 22902
 <211> 266
 <212> DNA
 <213> Homo sapiens

<400> 22902

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acaatggcca	agtagtacia	gacatctgaa	tcctttatat	gaagtcaaaa	ataatttttag	120
gcttggtaaa	ggagaaatct	tctaaattgg	ttttttgaat	tatatttgta	aattttgaat	180
aatattttgt	aaattttcca	ttgtcatgtt	ctaatagaat	gtgagcccct	ctgatgattt	240
gactggcatg	atagatgagc	ccccat				266

<210> 22903
 <211> 442
 <212> DNA
 <213> Homo sapiens

<400> 22903						
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cggaacaggg	gagactggac	tcgaccgaac	tgaagggaagg	gaccaaacct	cggtgaactc	120
tgcaaccttc	ccccgaacac	tcctcgctgc	tgccggcggt	tccagcctgc	aaactcagag	180
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caaagggcag	gagcaatgcc	gcctggagac	tattcgtgat	cccaaggaca	cccccttctc	300
cacctgctcc	tcctcctctg	actcggaacc	tgaaggattt	ttcttaggcg	agcgttccc	360
cagtcttgga	agacccccgg	aagcctcaa	gcagaggaca	gcaacgcctc	taagacgcac	420
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<210> 22904
 <211> 428
 <212> DNA
 <213> Homo sapiens

<400> 22904						
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attaattgtg	agcaggagga	caggagatca	aatcagctgg	caagaccaa	tgagcattac	120
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gaggaaaaga	atataaatca	aaataaatat	ttattgttta	tgtaaatctg	ttatttggtc	240
tgcataca	gaaaggaaaa	cagataaagt	taatgataaa	araraaagam	cccaattcct	300
ttttagctga	taaaagargt	tcagaagggtg	atacaggcct	taatttaarg	atcatataga	360
mctatcagtc	catacggcca	gcctcagggr	gtaactggga	atcccttctt	tatctcctta	420
ctttctc						428

<210> 22905
 <211> 249
 <212> DNA
 <213> Homo sapiens

<400> 22905						
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ggggatgcac	agcacagggg	agagagattg	cgcatgttgg	tcagtcgtgt	tttaaagagt	180
acagtgcggg	gaggctgaga	ggggcgcatg	caacaacaac	ttttggaagg	atggaagaga	240
agaggcgag						249

<210> 22906
 <211> 131
 <212> DNA
 <213> Homo sapiens

<400> 22906

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tgaattgtga agtgcccatc ttgcccaatt aaatatacat gctcccctac aaagaaaagg 120
aaaggagttt a 131

<210> 22907
<211> 106
<212> DNA
<213> Homo sapiens

<400> 22907
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<210> 22908
<211> 334
<212> DNA
<213> Homo sapiens

<400> 22908
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attgggagtt ttttaaaaag acatkkkcat agccaacaag aatcagtaga agtgctggga 180
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ctccaggggc caagaggatg atgtcgtggc ctcvattctc gtttctatgc agccccatag 300
tccaaggaca cccagtccac atctaccata cage 334

<210> 22909
<211> 377
<212> DNA
<213> Homo sapiens

<400> 22909
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aaagtatatg ggtagtc 377

<210> 22910
<211> 100
<212> DNA
<213> Homo sapiens

<400> 22910
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<210> 22911
<211> 205
<212> DNA
<213> Homo sapiens

<400> 22911
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 tacaaaaatt aactcaagat ggattaaaga cttgaacgta agacctaaaa gcataaaaaac 180
 ccgagaagaa aacctaggca cttca 205

<210> 22912
 <211> 150
 <212> DNA
 <213> Homo sapiens

<400> 22912
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 aatctgtgat gaagtcatgc tgkcctccga 150

<210> 22913
 <211> 249
 <212> DNA
 <213> Homo sapiens

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 aggtgagca 249

<210> 22914
 <211> 220
 <212> DNA
 <213> Homo sapiens

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 gttacaccat ccattctggt aattttgaaa aaatataccc tccctttagt ttgttggggg 180
 atataaatta ttctcaggaa gaatataatg aactgtacaa 220

<210> 22915
 <211> 289
 <212> DNA
 <213> Homo sapiens

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 aaaaggaaaa aatattattt ccaaagagta agttatgaag ccatgttaga aacccatatg 120
 acaatatgaa tttcttttat ctgtcaatct caaggtagaa ttcctcatat ttctgataat 180
 gccaaatacc atgaaatgtc tcaaaaaaga cttgacttta tataccagtt gtttgtcttg 240
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<210> 22916
 <211> 359
 <212> DNA

<213> Homo sapiens

<400> 22916

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gctttgttaa	acagatgctt	gaaggcagca	tgctccttaa	gagtcacac	cactccctaa	180
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cagagacctt	tgttcacttg	tttctttgtt	cacttggtta	tctgctgacc	ttccctccac	300
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<210> 22917

<211> 255

<212> DNA

<213> Homo sapiens

<400> 22917

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cccaagtyct	cccaaatttg	gaaaccctga	gaaaccctga	aaatactctg	tcctgggctt	180
atatgcctta	gacacaactg	ggattgctga	gctcaagggt	tgcaagagcat	cctactatgg	240
gaagaatgag	gacgt					255

<210> 22918

<211> 200

<212> DNA

<213> Homo sapiens

<400> 22918

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ttttatttta	aatggctagc	tgttgtccca	atactattta	ctgaaaaatc	tacattttgc	180
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<210> 22919

<211> 178

<212> DNA

<213> Homo sapiens

<400> 22919

caatcaagtk	tcaaataaaa	ccaatcaga	atcaacagaa	cagacacctt	ctcggccatc	60
gcaattagat	gtctctcttt	ctgcaacagg	cccacagttt	ttgtcagttg	agccagcgca	120
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<210> 22920

<211> 331

<212> DNA

<213> Homo sapiens

<400> 22920

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taacacatgt	gattaaccag	gtgggtgaaat	gacagaactc	attcgcttct	ttgattgggtg	120
attttgaaat	aatctttcat	caagttccat	ctcctttacc	ctcatatgga	atatactctc	180
ctgtctgttg	ttaaactatg	atgacatgtc	tgtagctatc	agaaagagaa	gctgggaaga	240
acatgtgacc	cactggatgg	gacagccttt	taattctgat	gatcgtaaca	cagcatgtca	300

tcattggacta gtagctgaca gcttgcaggc g 331

<210> 22921

<211> 155

<212> DNA

<213> Homo sapiens

<400> 22921

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atcacctgag	gtaggaggt	tgggggcatg	ctggccaacg	tggcgaaatc	ccgtctctac	120
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<210> 22922

<211> 472

<212> DNA

<213> Homo sapiens

<400> 22922

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tgccatactg	accaattgga	agagtctttg	cttatcggag	ctgttctaaa	aggcttatta	180
gtttttgggc	ttcattctat	ttaatgtttt	catgccttta	taaacttttt	acttccagcc	240
caatttttcc	cattgtcttg	gtacagggtc	gctgtgtcca	agtttgtag	ggtttcagct	300
agccaaaaat	ggtattttca	tttgctgaaa	ttctaataaa	aataattaaa	gttaaagcac	360
agatgatgat	gctaccttat	ttttctacat	gtgggaaagc	ttgattgata	gtaatgatta	420
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<210> 22923

<211> 299

<212> DNA

<213> Homo sapiens

<400> 22923

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aggagaatcg	cctgaaccca	ggaggcagag	gctgcggtga	gccgagatcg	cgcaccattg	120
cacttcagcc	tgggcaacaa	aagcgaaact	ccatctcaca	ttaaaaaaca	aaacaaaaca	180
aaacaaaaaa	aaagagactt	tttttggtat	gttgataaat	taattctttt	ttccaaaaga	240
aaagcttatg	tcatttataa	atgtctttta	tttatatttt	atatgtatat	atggaataa	299

<210> 22924

<211> 353

<212> DNA

<213> Homo sapiens

<400> 22924

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agtgtctgaga	agacttagag	ataattaggg	cagcgtcttc	tctgcagaga	ggttgagcca	180
ctcagctggg	gtcaccagc	tggtcagtg	cagggagcca	ggctgcacgt	ctttgatttt	240
taacctacac	tctcaccagt	gagatcagcc	ctgggcagcc	tgtgaatctg	atcgtgttac	300
cttccattga	ttcccagata	ccctgtgttc	caggcagtc	caagaaccag	tga	353

<210> 22925

<211> 109

<212> DNA

<213> Homo sapiens

<400> 22925

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aaaagatggT	ccgggggaaa	cctttgatAT	cacataatgt	agccatgca		109

<210> 22926

<211> 199

<212> DNA

<213> Homo sapiens

<400> 22926

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gccgagatgt	tcagtcaggt	gcccaggacc	ccagcctcag	gctgctacta	cctaaattcc	180
atgacacctg	agggcctaa					199

<210> 22927

<211> 127

<212> DNA

<213> Homo sapiens

<400> 22927

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tcctcct						127

<210> 22928

<211> 148

<212> DNA

<213> Homo sapiens

<400> 22928

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ggatagcttg	agcccaggag	ttcgagacct	gcctgggcaa	tatagcgaga	ccccgttctc	120
cagaaaaagg	ataaaaaaaaa	aamcaaar				148

<210> 22929

<211> 183

<212> DNA

<213> Homo sapiens

<400> 22929

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aataavagaat	atataaaaaat	caacctttaa	tttctccagt	attttcacct	aagcccacct	180
atg						183

<210> 22930

<211> 520

<212> DNA

<213> Homo sapiens

<400> 22930
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 aagcattttt ccttaatttt tttctctcag aacgatatcg cattcagagt gaacaatttg 180
 aagatctttg gctcataacc aatgagctta ttcttcgcct tcaagaatat tttgaaaaac 240
 agggagtcaa agattttgca tgttcttttt cgggatctat accccttcaa gaatattttg 300
 agttgattga ymatcatttt gaggtatgta tgatcataac ccacatcatc tataatcctt 360
 aaatatatga aagagaaata gatgctaymg aaggattctg tatgcatgcc attaggctat 420
 gtgcttctag ttgtttttct tatgtggatg gtggatttcg tgaatccatt cctgcccact 480
 tgccnagttt gtgancaatt acagacatta cagaatggct 520

<210> 22931
 <211> 139
 <212> DNA
 <213> Homo sapiens

<400> 22931
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 caattcmaaa ccatcacgt 139

<210> 22932
 <211> 213
 <212> DNA
 <213> Homo sapiens

<400> 22932
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 aattttctct ccctgttatg agcaatcagt aaattagtag tcaatttaac ttattatcag 180
 ttggtatagc gcatgtcaca gaataggata gct 213

<210> 22933
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 22933
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 gaattgttck ttgtwtctgt dtttacttct cttttctgcc ttttctggtt ttaatagaga 180
 attttgtata attccacttt atctcctctt ttagcttagc aattatactc ctttttaaaa 240
 atagtcatta tcttagagtt tgcaattagt ttccagctaa taagtccatt ttcarataac 300
 actatacccc tttaacagat agtgcaggta ctttataaca gagaacttct gatttctctt 360
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<210> 22934
 <211> 231
 <212> DNA
 <213> Homo sapiens

<400> 22934
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 aagggtgggct tggccaaca gggtcccaga gggtacatac tcctttctgg ggagagaatg 120

ctccctacca tatagttgac agtgggttagg aactctccct ttcctacct accttccttt 180
taatagcaga attcctattt ttccttgat tatgtgtatt gatcacctg c 231

<210> 22935
<211> 258
<212> DNA
<213> Homo sapiens

<400> 22935
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ggtgttggcg tcgccttttg agctacgttt ccatcgattc gaacttcgta tctagggacc 120
ctgcatgcaa gagcgtaaca gtttctgtgt tacttaacct tactgctgct tgtaatgctg 180
caaaccggaa aataacctta catggccttc gtaacattta atgctccttc cccctcttcc 240
tcttccctg ggcaaatg 258

<210> 22936
<211> 154
<212> DNA
<213> Homo sapiens

<400> 22936
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taggttctctg ctgtagtttt gtacgacctg gctg 154

<210> 22937
<211> 386
<212> DNA
<213> Homo sapiens

<400> 22937
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actcaattgc aagggttggg gataatcttc tcccagctct ctttctctct cctacagttt 180
cattgcattg cctcatctct cttttatctt ttcccttatg agttatttca gtttcctttt 240
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tgcattggaaa ctaaaatttc cccgaggata taatgtacag agtaaatcca tcttcactag 360
aattttagaa cttgagatcg ggctcg 386

<210> 22938
<211> 248
<212> DNA
<213> Homo sapiens

<400> 22938
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aaatccacat ttgacttcaa agcctgtctt ccttccatta aattttactt tctctgggta 120
catgtcatal tatcttggg ccacttattt atcagatgag ataatgactg tatcaactct 180
gtataaacca taaagtgcta cataactatc acttatgttg ctgtagttga taaaagtgaa 240
taagcctg 248

<210> 22939
<211> 263
<212> DNA

<213> Homo sapiens

<400> 22939

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ccttttcttt	ttccataatg	tctaaatctg	ttatatctct	cctggggaaa	agagattaag	120
gccc aaaaga	ctcatttatg	aatagaaatg	tgggggtcaa	atctgagata	ctatatattga	180
ggacatttca	gctttccata	aggatatctg	aaaccagctg	tctttgtgtc	ttatgaaacc	240
tcaagtcaaa	atgagaccgt	gca				263

<210> 22940

<211> 230

<212> DNA

<213> Homo sapiens

<400> 22940

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cctgataagg	agcgtcascg	acaggaagct	tgggaggctg	tgggaatggg	tctgccccca	180
gcttcacaga	cctcttcctc	cagcctctga	atcccattag	ccacagccgg		230

<210> 22941

<211> 392

<212> DNA

<213> Homo sapiens

<400> 22941

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tattctatcc	atcattgagg	ggcatctaag	ttgattccgt	gtctttgctg	ttgtgaatag	180
tgctgcagtc	gacacacaca	tgcatgtggt	tttatggtag	aacaatttat	attcctttgg	240
gtatatacca	agtaatggga	ttactgggtc	gaatgggagt	actatgttaa	gctctttgag	300
aaatctccaa	actgctttcc	acagtggctg	aactaattta	catttccacc	agcagtatat	360
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<210> 22942

<211> 124

<212> DNA

<213> Homo sapiens

<400> 22942

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gcgggttg	gatgtgtcg	gctccgtgtt	gtgatgacag	gagaatgtgt	gtgtgtccgg	120
ggcc						124

<210> 22943

<211> 270

<212> DNA

<213> Homo sapiens

<400> 22943

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attgaatatc	aggtactatt	ctcaatgttt	aggatatgtt	aaaggacaaa	ggtaagattc	120
tcctctccaa	tagggtttac	attctagtga	gagaagcaag	acatgaacag	tgataattaa	180
taagttctat	agtatgtaga	aagtggtaag	taatgggaga	aaaaaagcag	tgtaaagggg	240

aatcgattgt caagaggtgg aggtggagca 270

<210> 22944

<211> 146

<212> DNA

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<400> 22944

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tgatcatcgt ccatagaggc caccgtaccc gacgtttgcg gacagtgaca aagagtcaag	120
cttgggtggag cctgaggaca ggacgc	146

<210> 22945

<211> 457

<212> DNA

<213> Homo sapiens

<400> 22945

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ctccctactg aacaaaaaaaa gaaatgccag acttactagg agaatcgagt tgctttgagt	180
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cctcctttaa gctttgggtt ttctctctta tagtttggtg actagatata tgctaaaaat	300
gtctttggag aaaacttctg cctgataaac acccaattct agactgtggg tggattttcg	360
agctgacggt ggtcaattcc ttctattaag cagtgatctg atttctccac atggccattc	420
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<210> 22946

<211> 382

<212> DNA

<213> Homo sapiens

<400> 22946

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gggcctctga tgagggtgggc ctcgccctcc ccatcactcg cagcctcgag gagagcacca	180
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gaggtgatgc aagacgcaaa tttaggctag atgtgtcagt gtgtgatgga gagggaagg	300
gaaggtcagg gaagtatttt gataatcaat ttgcagcact aaaacagaag gggaaagcaa	360
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<210> 22947

<211> 229

<212> DNA

<213> Homo sapiens

<400> 22947

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ctgcaacctc cgctcctgg ttcaagcag tctcgtgcct cagcctcctg agtagctggg	180
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<210> 22948

<211> 297

<212> DNA

<213> Homo sapiens

<400> 22948

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tatcccttct	acctcccctg	ctgctctact	caggtagctt	gtgggacctc	actgcagcca	180
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<210> 22949

<211> 206

<212> DNA

<213> Homo sapiens

<400> 22949

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ttcttctctg	aactgagagc	ttaaagccatt	atatctgcaa	acagtgtaca	cattatTTTT	180
ccttttttct	tttctcctct	ttcctg				206

<210> 22950

<211> 194

<212> DNA

<213> Homo sapiens

<400> 22950

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tatggatccc	arrctaagag	gctgtcttct	aatttttagat	atggcattgt	tctgtattat	180
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<210> 22951

<211> 340

<212> DNA

<213> Homo sapiens

<400> 22951

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aatcagcagt	taagaaggtt	ctagaaccca	tgaaagcttt	tgtatgtatt	actaggtttt	180
gtttttctta	tgtttgctga	ttttacagtt	ctgactaaag	ctgacctaaa	tggatcagtt	240
tatgtgtaat	attctagtgc	tttaatgact	ctktttttct	ttggagggag	ggtaacatta	300
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<210> 22952

<211> 358

<212> DNA

<213> Homo sapiens

<400> 22952

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gocgcggttc	gctcctgggc	gacagcgtaa	cccgtcgctc	ctccctctgc	gggagggcgt	120
ggacggggca	cgggatttgg	agcgtggaag	gaatcgggac	ctaaaggagt	cccaggacac	180

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gaacttctgg	atgggaatcc	tggagccacc	acttgcccta	tggtcgcaat	gggcaagtgc	300
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 <212> DNA
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actgggagag	180
acatttgaac cctcttttct	
tttcgctccc cttttgcccc	
cttgggggtgt gtgaagcgag	217
gaacgtaaag gaaggcgaac	
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<210> 22954
 <211> 152
 <212> DNA
 <213> Homo sapiens

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taataaaatt tctgaatggg	
gcagcgtgga gaaatcctaa	152
gagaaatagc ataagagcat	
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<210> 22955
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 <212> DNA
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ttttcagcgc ttgccatccc	180
tctaggtctt tggcagactg	
agctgcatcc gcattcacct	
cccctcctcc tcctttccct	240
atccttactt gggagtcccg	
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ttcctgctcc ctgcccattc	277
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<210> 22956
 <211> 247
 <212> DNA
 <213> Homo sapiens

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ttttctcctt ttgggtatgt	180
ttcatgtctt caatttagca	
attcacttgc atttttattg	
agatcttgta aatttataga	240
gaaatgaact tgcttctttt	
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tatagtcttc ttcctttttt	247
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<210> 22957
 <211> 227
 <212> DNA
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<400> 22957
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gaggctgagg ctggaggatc acttgagccc aggaggtggg ccgtgtttgc accactgcac 180
tccagcttgg atgacaaggt gagaccgtct ctcaaaaaaa aaaaaaa 227

<210> 22958
<211> 64
<212> DNA
<213> Homo sapiens

<400> 22958
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cacg 64

<210> 22959
<211> 247
<212> DNA
<213> Homo sapiens

<400> 22959
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ccatgccgtc cggcgtgatc ttgacgacgg tggtgccgtc gtattccacg aagtagacgg 180
tgccgtccgt gtcgacgacg aggcgcgtcg aatcgaagat cctggcggtg aggcccttgc 240
cgteccg 247

<210> 22960
<211> 105
<212> DNA
<213> Homo sapiens

<400> 22960
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<210> 22961
<211> 213
<212> DNA
<213> Homo sapiens

<400> 22961
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ggaagagaag caggcgaccc ttcctgagtt atcctggctt agcctcccaa tctggctccc 180
cttccccttc ccattcccct gtcccccctg tcc 213

<210> 22962
<211> 315
<212> DNA
<213> Homo sapiens

<400> 22962
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<211> 201
<212> DNA
<213> Homo sapiens

<400> 22967
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gatttgttta gactgaagga agacgttttc ccaaaatata ctacagaagt gctacaatat 120
ttgcgatatt aaaatgcctg cagattgaaa atggggggcca ctcatttcag aactgcagga 180
atggtgtagt tacagatgcg a 201

<210> 22968
<211> 246
<212> DNA
<213> Homo sapiens

<400> 22968
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ttccatgaat caccagact ccaaagggtt aaaatgggat gattgtagtt tcccaaagtg 120
gtgtattaca ggtcatgctt acatattttt gcagggtgaat wttgtgggtt ttcaaattac 180
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agagtc 246

<210> 22969
<211> 310
<212> DNA
<213> Homo sapiens

<400> 22969
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ccacgctcag ctaatttttg tatttttttag tagagatggg gtttcaccat gttgaccaga 180
ctggacctca ggcatctgc ccacctcggc ctctaaagt gctgggatta caggcgggag 240
gatagcttga gccaggaggt tcgagacctg cctgggcaat atagcgagac cccgttctcc 300
agaaaaagga 310

<210> 22970
<211> 286
<212> DNA
<213> Homo sapiens

<400> 22970
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aatagcatca aatgcaaaaa ggttcacact aaaggaaact cctgattagg tattaatgct 120
ttatacagaa acctctatac aaatccaaac ttgaagatca gaatggttct acagttcata 180
acattttgaa ggtggcctta ttttgtgata gtctgcttca tgtgattctc actaacatat 240
ctccttcctc aacctttgct gtaaaaaattt catttgcacc acatct 286

<210> 22971
<211> 377
<212> DNA
<213> Homo sapiens

<400> 22971
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aggactgagc	gcattcagga	gcctggagga	actcatcttg	gacaacaatc	agctggggga	180
cgaccttggt	ttgccagggt	taccagact	gcatacctta	accctcaaca	agaaccgaat	240
cactgatttg	gagaacctgc	tggatcactt	ggcagaagtg	acaccagctc	tggagtacct	300
cagtctgctg	ggcaacgtgg	cctgtcccaa	cgagctgggtc	agcttggaag	aggatgagga	360
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<210> 22972
 <211> 285
 <212> DNA
 <213> Homo sapiens

<400> 22972						
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agtatgccag	gctctgaact	asragttgtt	cagtctgggt	tgtgagtagg	ttatatatag	180
agagagaatg	gaagtgatcc	ggagagctag	gcagagacca	cattatgaat	aatgaggggt	240
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<210> 22973
 <211> 206
 <212> DNA
 <213> Homo sapiens

<400> 22973						
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agagactggc	ccaggtggta	gggaggaaaag	aactcccaga	gtttccttta	gccaggaaac	120
ctgctctact	gaccccgta	cttggacagt	cagacatcac	cctgagagtg	acaagtgtaa	180
aatgactccc	ttcctcccc	gtccc				206

<210> 22974
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 <212> DNA
 <213> Homo sapiens

<400> 22974						
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gccaagtcc						129

<210> 22975
 <211> 134
 <212> DNA
 <213> Homo sapiens

<400> 22975						
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tatctaaaaat	attatgtttt	tgatgtgaat	cawtataaaa	ttatcaataa	gattcaaaaa	120
aatctttttt	tttt					134

<210> 22976
 <211> 304
 <212> DNA
 <213> Homo sapiens

<400> 22976
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 gatatggaga aattggaagc cttgtgcact attggtggga atgtaaaatg gcatagctgc 120
 aatggaaaat agtatggtga ttcttcaaaa aattaaaaat agaatatgat catatgatcc 180
 agcaattcca cttctggact cctgggtaga tacctaaaag aattgaaagc agggctctta 240
 gagattcata caccogtggt catagcaaca ttattcaca tagccaagag atggaagcaa 300
 ccca 304

<210> 22977
 <211> 87
 <212> DNA
 <213> Homo sapiens

<400> 22977
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 ccatggagat ttgacaaga ccctcaa 87

<210> 22978
 <211> 367
 <212> DNA
 <213> Homo sapiens

<400> 22978
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 aaaagaatga ttgatgggaa acagacaccg ggctatagac actcatcctt ttgcttcaga 180
 tactgatatc tcagcctgct tgagcatccc ttgtgagctg tgaacattga ggatcactca 240
 ggggttatcg atgtacaacg ggagagccat cgcttttgcta aattattatc tgcaattgga 300
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 aagctgc 367

<210> 22979
 <211> 152
 <212> DNA
 <213> Homo sapiens

<400> 22979
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 ttttatacac agttttataa caagcacagg aa 152

<210> 22980
 <211> 236
 <212> DNA
 <213> Homo sapiens

<400> 22980
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 aggcagaacg tccaagaatg gagtaagggt agtcatagta aagtctcagt ctgaatattt 120
 agcaagagaa acaggcagca gaggaaccca aaggcagtaa atcaaattatt ctaaaaccca 180
 aagttcatta ttttcatcca aaagactttc acagaaacac attactcaca gccatg 236

<210> 22981

<211> 323
<212> DNA
<213> Homo sapiens

<400> 22981
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tatttagttt ttagtgggtca actctaataa aatgaaacta gggctgagct agttagccct 120
cactagccaa actgaaactc tatgcaacat taaaagaaga gatccatcat gtagcttgtg 180
acacttttat tttattagtc accggggaac ttttcagtga tgaaaataca cagggttaata 240
aaccttcaca tggcttcaaa aggaaaacaa gcaaatcttc tctaattctac tcttactata 300
atttcctaag tgtacaccaa act 323

<210> 22982
<211> 212
<212> DNA
<213> Homo sapiens

<400> 22982
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atgtwgtata tttgtctaaa atgaaagctc ttttgcgctc taaaactaca atatatgtca 120
tcttattttc cctgagtatc caagtatagt gcagattcta tgtaaaacta ctaaattgaca 180
ctggaatatg tttagtagat tagggggaat at 212

<210> 22983
<211> 133
<212> DNA
<213> Homo sapiens

<400> 22983
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tctcagagat tctgaccccc tggttgtgga atacgaggca ttgctggtac aactaccct 120
atcagccact tac 133

<210> 22984
<211> 277
<212> DNA
<213> Homo sapiens

<400> 22984
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ggaaggctctt accttagtgt ttatagctac tgatcaggat ggttggttgct tgaagtttg 120
ggtagctatg gtaattactt tcttgccctt ttcttttttt ttcataaggg cagccccctg 180
aaccagaata ggttcaagat agactccctc attctatgac atagaatgag atgtgtcctg 240
attttaaata aaattgaaaa aaaaacaaca acccggt 277

<210> 22985
<211> 226
<212> DNA
<213> Homo sapiens

<400> 22985
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cctttagaag tgggagtctg gtggaactgt gttggattta agataccttt tcactcttcc 120
gtatgtcatg agccttgtgc gtcacctcac tgtggtgcat gtgcaagggc gtgtgcacgc 180

ctgtgctttg ccatcccatg ttgtaaacag ctgtyccaaa ggcagc 226

<210> 22986

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<212> DNA

<213> Homo sapiens

<400> 22986

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aaacgtgatt	hcctttgaca	ggcatttacc	atcaaatacat	ccccacaatc	gaaatcatgc	120
acaatcccc	aaggaagtca	cccgggccct	tccgtgttcc	ctgcactgcc	cctccgcacc	180
cct						183

<210> 22987

<211> 130

<212> DNA

<213> Homo sapiens

<400> 22987

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tcccagctgg						130

<210> 22988

<211> 228

<212> DNA

<213> Homo sapiens

<400> 22988

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gaaagtggga	cttcctgtaa	tgagctctcc	acttccagtt	gtgacagcca	ttcagaggca	120
agcactcccc	aggacaaccc	atccagtgcc	cagcaggcaa	cagctcacca	acctaact	180
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<210> 22989

<211> 160

<212> DNA

<213> Homo sapiens

<400> 22989

aggctgcgaa	aggggcgtaa	cgatgagcgg	ttcctgccag	aggctctggg	aggataaaaa	60
gcaggaggaa	gaggcgacgg	cggcctgtgg	acgtcttgca	ggggtccccg	aagccaagca	120
gggtcccaag	gccgattcag	actccgacct	agagacggca			160

<210> 22990

<211> 167

<212> DNA

<213> Homo sapiens

<400> 22990

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acttatctct	tcagaagact	taagtcttcc	tttatactca	gtgaaca		167

<210> 22991

<211> 298

<212> DNA

<213> Homo sapiens

<400> 22991

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tgcataaatg	aggtcactgt	tgatcagtgt	tgctagtagc	ttggcagctc	ttcataaaag	180
catattgggt	tggaaagggt	tttgcctatt	tttcaaatta	tttaatagat	gtatgggtacc	240
atttaaaagt	ggttgtatct	gaatttactg	tggggataac	atacactgta	atgggggtt	298

<210> 22992

<211> 182

<212> DNA

<213> Homo sapiens

<400> 22992

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ctccaggcct	ccctgcttgc	agtcacctgt	gccaaaggctt	ggggcaggca	tcgtaaaacc	120
acttctctct	ggctataggc	agtgggaacag	ctaaatatca	aggccaagaa	cttccgggac	180
ac						182

<210> 22993

<211> 228

<212> DNA

<213> Homo sapiens

<400> 22993

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cacatcccag	cactacacca	gtgcctggca	cccagtagat	attctgaaat	gtcagtggat	180
ggatgcctat	ttacatactg	tgcttttctt	gtccctcagg	gccagaag		228

<210> 22994

<211> 276

<212> DNA

<213> Homo sapiens

<400> 22994

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taataatatc	aaattgattt	ccaaaatggg	tgtatcaatt	tataatcagt	aacttttcca	120
gtkactgaaa	agtatcagaa	agtttttcaa	cttccattg	atgaaagtgc	ttcctctttc	180
gcatccctgc	caacattttg	tgtggtcagc	attttttatt	tttgccagtc	tttttgcac	240
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<210> 22995

<211> 152

<212> DNA

<213> Homo sapiens

<400> 22995

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tctctgaatt	tccatcttct	ctcagttttt	ggcctcatga	ttctttttatt	tccttgctag	120

gtctcttwtt acttttaata tttacccccac ct 152

<210> 22996

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<213> Homo sapiens

<400> 22996

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aggaaatgaa aatactatTT cTcactgttg cTcacattaa aaatttgaat aactttaaac	120
tttgTtaaaa cccagTaaat cTgaaattta gcatcctaaa tttaccatct agcatcgtct	180
gatatccttg cccagTcatc attgtTTTT gtttctaatt taactttagc ccttgcaata	240
gttctctaatt tggTcttccT gtttacatta ttacacattg tattccatca tctgcaaact	300
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<210> 22997

<211> 208

<212> DNA

<213> Homo sapiens

<400> 22997

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tgtctgtaat tttggTatta ttctgaagtg ttgccttatt tgTtaattga ttcttggaTc	120
tcttttattt catcaagtga aatataaact gaaggcaggt ccagagtctg attcgTTTT	180
tactccctt cttctgcaca cccaacaa	208

<210> 22998

<211> 198

<212> DNA

<213> Homo sapiens

<400> 22998

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wactgataaa gaaggTgctg ggtcttcagc tctaaagagg ccatttgaag atggattagg	180
ggatgataaa gaccctg	198

<210> 22999

<211> 211

<212> DNA

<213> Homo sapiens

<400> 22999

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tctaattctca ttgcctggc agaaaaggaa gtaatcccta gtgtcagcag attcagcggt	180
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<210> 23000

<211> 279

<212> DNA

<213> Homo sapiens

<400> 23000

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aaaaactgga	gtacttccta	gtgcagccag	cctagggcgga	aactgtacac	catgggtcttc	120
cagatgggtg	actgatggct	ttgggtagct	gatgcatgct	ttaatatattg	cctatagccc	180
ggcagcaagg	aagtcggggc	gggggggactt	ttttaccctg	ccagtkatag	cattgtgatt	240
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<210> 23001
 <211> 331
 <212> DNA
 <213> Homo sapiens

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aaatccatgt	gactgtttcc	accatcttgg	gcatttgtgg	ggacccccag	actggagggg	120
gaaagcccta	caaagtggat	gggagtgtgg	ggctgaactt	ttccctaccc	ttaactttgt	180
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aagagcttag	gaatgggggtg	agcatgggag	tkctgggtag	cagcctttga	gcaaactctgc	300
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<210> 23002
 <211> 126
 <212> DNA
 <213> Homo sapiens

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tggcttctta	ctgcggcttc	atactgaggg	ccgagccgag	gcggcgcggg	tgcaggagca	120
ggaccg						126

<210> 23003
 <211> 232
 <212> DNA
 <213> Homo sapiens

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gaccaagggg	caacaagagc	tcaggagaag	gggagaaaca	ggtcgcccag	agagtagaca	120
atccagggct	tgaggaggct	ggctgtgcgg	tttatttttt	ctctccacaa	agacacacac	180
tgtctaaact	gtgtggctgg	ttgttactaa	gaagctgctg	cgagaggggaa	ag	232

<210> 23004
 <211> 327
 <212> DNA
 <213> Homo sapiens

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aaagaaagtt	taaactcaag	aagaaagatg	ttgacagtct	atgtaacagc	tggaaaagtt	120
tataggcacc	cacctttggg	acaacccagt	gattatgaac	atgtgatatc	tactatttaa	180
aagaaatgtt	ctcaccttgg	gttgattgtg	gtataccatg	tggtatgaaa	attgttgagc	240
tgaagctttg	aatcgattta	gttgagtctg	actcacttgc	tttggttcct	gtgtatttta	300
ctaccctctt	tgctcagtgc	cttcctt				327

<210> 23005

<211> 100
<212> DNA
<213> Homo sapiens

<400> 23005
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tacctggagc tgcaggaacg acccacaccc aggcctcttg 100

<210> 23006
<211> 357
<212> DNA
<213> Homo sapiens

<400> 23006
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tttgtttttg ttttgatggg gggttcagtgc ctratggcga aaccccagaa gatgaaaatc 120
caacagagga aggagcagac aactcttcag caaagatgga agaggaggag gaggaagagg 180
aagaagaaga agagagcctc ccaggatgta ctctgtttat taagaatctc aattttgaca 240
caacagaaga gaagctgaag gaagtgtttt caaaagtggg gacagtgaag agctgctcca 300
tctccaagaa gaagaacaaa gcaggagtgc tccttttcta ctaagattat gcccaga 357

<210> 23007
<211> 158
<212> DNA
<213> Homo sapiens

<400> 23007
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gagtaaatat ttgatcttaa acttagcagg tgcactggca tcagtacttc tcaggaagct 120
ttcccaaac tcaaattctgc tgtgaatgac ccaaccg 158

<210> 23008
<211> 255
<212> DNA
<213> Homo sapiens

<400> 23008
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gctgccagga aaaagcaaat tctggaagtt aatgggtttg agtgattwtt aaatccttgc 120
tggcggagag gccgcctct ccccggtatc agcgttccct cattctttga atccgcggct 180
ccgcggtctt cggcgtcaga ccagccggag gaagcctgtn tgcaatttaa gcgggctgtg 240
aacgcccagg ggaa 255

<210> 23009
<211> 297
<212> DNA
<213> Homo sapiens

<400> 23009
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aataatatca gtgaaagcat gtgtggggta cagaggtagc aaagaatgca agagatttta 120
atgctgtcca gttgagggca agaaaacctc tctggaaaag gtgacaatta ggttttaagg 180
ataaatagta gttttcctat ttaggggagc cactccaggc agagaaaacc tggagtagtt 240
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<210> 23010
<211> 96
<212> DNA
<213> Homo sapiens

<400> 23010
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gtCCgCGggt ggcactacCC tctctaattg cccttg 96

<210> 23011
<211> 103
<212> DNA
<213> Homo sapiens

<400> 23011
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agtGacgTtg agctttgttt atatatgttt gttggctgct ctg 103

<210> 23012
<211> 401
<212> DNA
<213> Homo sapiens

<400> 23012
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aaaggaggga aaagggtttt tatacagtwc cttctcttga gagaaatgtg gaaacagtgg 120
gaccagtga gttccttccg ataattgaaag agcgatatct gtgtctgmca ggaggcttga 180
gatgattttt atggacacac caagaaataa ctgcattcag aaacagggtct ctgtkctagg 240
atgtcccgcac ccagtgggtgc atgagatcgc ctatcagtac ggaaaaaatg taggaatagc 300
ttttcagcta atagatgatg tattggactt cacctcgtgt tctgaccaga tgggcaacca 360
acatcagctg atctgaagct cgggttagcc actggtcctg t 401

<210> 23013
<211> 149
<212> DNA
<213> Homo sapiens

<400> 23013
cctaattgtt ctgatttctt actcttgttg ctgatataca gaagcagcta caagagctga 60
aagatgactg tgcacttaat gtcttttagtt gaaagaatta tttagctaaa gaaacacagt 120
cattagctat ggaatttgag agcctctag 149

<210> 23014
<211> 253
<212> DNA
<213> Homo sapiens

<400> 23014
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gcagtagctt ggTTTTaaac aaaaacaaaa aaaaaactga gagaaaacct atcagaagga 120
ctaaaagtac gccttgcttc agggttggct cagggtggtga acttcatgct gggcatctat 180
gcagagccac cTTTTggatt gcatggttgg actgrgatct attgggagaa attatatatg 240
tatatatatt tat 253

<213> Homo sapiens

gggggagctg cggttcgag aagcggcaga cggcagccag aaggcttggg ctgttgagta 60
agcagccccc tctcagtccc ggccctcccc gga 93

<213> Homo sapiens

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gtgtagtcaa	atcataacat	attatgactg	caatcaagtg	attatagcac	gtgattatac	180
tttttgtctc	tgtggcgtga	ggagtggaaa	ggtgtctttt	tttgaccac	ttggcacgtt	240

<213> Homo sapiens

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acaagatcca tccatacaag tagtgaactc tccatttcag gagcaatgga ctaatgaatc      60
aggaatcgct ccacttgcca ccacgcgacg tggaataatt catcacagcc aactacagag      120
actatkacat caggaataaa gaaaagc                                147
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<213> Homo sapiens

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tataaggaga	gacatataaa	ttaatggaat	agaactgaga	gtataaaata	aacgctttta	120
cttatagtca	attaattttt	ggcaagtgtg	ccaagacaat	tcagtggaga	aagaatagtt	180
tttcaacaaa	tgcttctgag	acaaccggac	ctag			214

<213> Homo sapiens

ttaaatcttaa	agaatgatct	ggtgaggttg	gtcgtattat	tatcccgatt	ttgcagagga	60
ggaaaccaa	gaaggacttg	gcccaaagac	ccttgctaac	aggtgttggg	acattatcca	120
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<211> 144

<212> DNA

<213> Homo sapiens

<400> 23020

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ctataccaaa	caccacccat	ctcccgccat	tcattccatcc	actcaaccac	cctcttataa	120
ccatccctcc	atccacccac	cacg				144

<210> 23021

<211> 130

<212> DNA

<213> Homo sapiens

<400> 23021

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ctctaccctc	cctaaagcat	gcacctaggg	ccccagtcag	aaaaacaaaa	caaaaactaa	120
accagacatg						130

<210> 23022

<211> 218

<212> DNA

<213> Homo sapiens

<400> 23022

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cgagacagag	ttttgctatg	ttgctcaggc	tggtcttgat	ctcctggcct	caagcaatcc	120
acctgccttg	gcctcccaaa	gtgctgagat	tacagatgtg	agccaccaca	cccagtcctaa	180
gtgtttctat	ttagttgata	atggacagac	ccacgaga			218

<210> 23023

<211> 220

<212> DNA

<213> Homo sapiens

<400> 23023

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ccgctctcca	tggtactgcg	gagagctcag	ctccgccctt	ctctttcaga	aggacagcac	180
ccggcgtcac	gtaaccagc	cttctcaggc	tccaccagc			220

<210> 23024

<211> 196

<212> DNA

<213> Homo sapiens

<400> 23024

cattttattta	actgagggca	tgagtraagt	ataatagggt	attccactat	tctataagga	60
cagctgcttc	tgggttggtg	ggtatcacat	gataagacca	gtgattctcg	tctgctataa	120
cbcattattt	aacttggggg	ccttggttag	aagcaatgtt	gtccaagaaa	ctacaatcat	180
ttataagacc	taccga					196

<210> 23025

<211> 306

<212> DNA

<213> Homo sapiens

<400> 23025

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gccacttttg	ttggtttctt	atgtatccct	ttagggttat	tctatgcact	gataaacata	120
catgagcaaa	tagaattata	ttttgcacat	tattctgaac	atggttttat	aattaaactt	180
ataccatatg	aactttcaca	tatttatctg	ccttaccatt	cttaaagtct	aagtatttta	240
ttgtacatat	ttataagtta	aagatataga	tttaagagcc	ttctgctggt	acacattagg	300
gcccgc						306

<210> 23026

<211> 129

<212> DNA

<213> Homo sapiens

<400> 23026

aaaaaatagt	ggttgaatgg	tgtttaattt	gtacagtttg	tgtcaaagta	gaatgggcag	60
atattttggt	ggataggctt	ttgtcttagt	tataaaaatt	aggacatttg	gtatgataaa	120
ggcagaggg						129

<210> 23027

<211> 133

<212> DNA

<213> Homo sapiens

<400> 23027

aaaagtatat	caatggcaag	cattgtagag	tgTTTTtatt	aatgtctatt	ctgatatctg	60
ccttttaatt	gaaatgtctt	tcatttgcat	ttaatataaa	taataattat	aatgtttcat	120
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<210> 23028

<211> 369

<212> DNA

<213> Homo sapiens

<400> 23028

agagctgcag	ctccggcgcc	astgwagctt	ctccgaggac	tcagacctct	ccagcgacga	60
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ctgaatgcc	agctgacccg	gcgtgtgcaa	aaggcagctc	ggagacaggc	caagcaggag	180
gagcttaagc	ggctgcatcg	agcccagatc	atccagcggc	astgcagcag	gtggaggaga	240
ggcagcggcg	gctggaggaa	aggggcgtgg	ctgtggagaa	ggcgctccgg	ggcgaasagt	300
mggatcacag	caaataaac	agcttcgccc	cggagcgcct	wctcctcatc	ggccagcccc	360
tctccagc						369

<210> 23029

<211> 95

<212> DNA

<213> Homo sapiens

<400> 23029

cctttctcgt	tmmmmggcca	tcttagcggc	tgctgttggt	tgggggcccgt	cccgtccta	60
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<210> 23030

05-198-02

tctctctttt	ctaagttggt	atttgttttc	ctgaaagaat	aatggaagca	gctgtagaaa	60
tgtggaggca	tttgaagctg	accttctgaa	caccaaaaaa	actccactgt	aaaggctatg	120
ttgattgggt	ttgtcagaat	aaattgagca	ctggcattt			159

<400> 23031

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<210> 23032
<211> 225
<212> DNA
<213> Homo sapiens
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taaagtgatc	attatgtagt	ttctggatta	aaaaaatttg	tgtgtgaagt	tgctttgtaa	60
agtgcattgt	gaattaatgg	gacagtgtgc	ccttttgtgt	agatgttaga	gcaaaagaaa	120
gggcttatag	tgtagtatt	ggagcacttt	gaagatagat	attttcagaa	aagatgtagg	180
atttaaaagt	taaattttta	attttagaaa	aagatatgat	ggcac		225

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<210> 23033
<211> 222
<212> DNA
<213> Homo sapiens
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cttttccttt  ctcatggtgs  cctccatgga  agtcacagtc  aacactgaat  aaatgactag      60
aatgacacgt  gtgcgtgcgc  acgcgtgtgc  gtgtgtgtgt  wcatctgtct  gcatgtggat     120
caatttcctt  tagaaaaata  tttattgtat  gatttatatt  ggagttatat  tctgattaca     180
gtgctccctc  tcccaaatag  cattgatttt  tccccccctc  ta              222
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<210> 23034
<211> 121
<212> DNA
<213> Homo sapiens
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tggatggaag  acagtgagcg  ctactctcgt  agatccagaa  gaaacacatc  ggcttctgat      60
gaagacgagc  gcatgtcagt  gggtagtcgt  ggaagcctga  ggccctcgga  gtacagccgg     120
c                                                    121

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7290

0-9

tttagtgatt	taacaatctc	ttgagggtcg	cacctttaaa	ttcccagatt	gtcaatagac	60
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cttttaacta	ttcattttaca	gtaggagagt	atgtagaaat	catcatccac	aagtcataat	180
taggttggtg	gcctactgta	gttttttcca	tttctgtatt	atataaacat	ttgcatatta	240
aaatttgatt	tttcccagag	acaagtatta	tatactgtat	ctatatTTTaa	atcaaactgt	300
ggtaatatat	ttctcagaaa	ataatgttgg	ggactatagc	ctgaacatgt	ggacttgaag	360
cgacct						366

<400> 23036						
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tctcaacctg	tccaaaaatg	gcattgagtt	tatogatgag	catgccttca	aaggagtagc	120
tgaaaccttg	cagactctgg	acttgtcgga	caatcggatt	caaagtgtgc	acaaaaatgc	180
cttcaataac	ctgaagtcga	ggccagaat	tgccaacaac	ccttggcact	gcgactgtac	240
tctacagcaa	gttctgaagg	gctatgcctc	caatcatgaq	acagcccaca	t	291

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<400> 23037
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aaacaagttt ttgtgtgcaa aatggcatag atgtaaggga gaaa                                104
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<400> 23038						
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tgggttgacc	ctgaaagt	tctcttttta	cacacacttt	ttatccagag	agggagacac	180
gaaactactt	ggactgtgct	tcgacgattt	ggttatgatg	atgacctgga	tttgacacct	240
gaatatttgt	tccccctgct	gaaaataacct	cctgattgca	ctactgaatt	aaatcatcat	300
gcatatyat	ktctccaaag	cacctttgac	aagcatgatt	tggatagaga	mtgtgctttg	360
tcacctgatg	agcttaaaga	ttkatTTaaa	gttttccctt	acataccttg	ggggccagat	420
qtgaataaca	caqt					434

7291

<400> 23039
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 actgtatgct ggggtgcattt gaaccagtgg tggatcttta ctccagcctc gatgctaagc 180
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 atgctgctgc gtcccaatcc tgtaacttcg cactca 276

<210> 23040
 <211> 165
 <212> DNA
 <213> Homo sapiens

<400> 23040
 tatacaccat ggaatactat gcagccataa aaaatgagty catgtccttt gcaggacat 60
 ggatgaagct ggaaaccacc attctcagca aactatcaca aggacagaaa accaaacact 120
 gcatgttctc actcataggt gggagttgaa caataagaac acatg 165

<210> 23041
 <211> 255
 <212> DNA
 <213> Homo sapiens

<400> 23041
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 ggtgtgagtc gtcgtgccc gccattttta cttcatTTaa atgtccgctt tttgtagtca 120
 agtcccagaa taaaatgcta tttttaggaa tatgtttaac tgaaaaactg catttaagt 180
 ttggcagtna agcaaaactaa ctttgcatga taaagcccct atcaagtatc tcataactaa 240
 gcaaataccc ccaaa 255

<210> 23042
 <211> 87
 <212> DNA
 <213> Homo sapiens

<400> 23042
 ttcaagaact atactatact tgttattaaa ttctagtctc attagttggt tctaagctta 60
 tttctgcaat ttcagcaaac cctgcat 87

<210> 23043
 <211> 106
 <212> DNA
 <213> Homo sapiens

<400> 23043
 agtaaactgg caagatgtat atgataaaaa gcttgtacct ccttttaaac ctcaagtaac 60
 atctgagaca gatactagat attttgatga agaatttaca gctcgc 106

<210> 23044
 <211> 93
 <212> DNA
 <213> Homo sapiens

<400> 23044
 aggccaaccc tgaccttccct ggaagttggt tccttaactt gaatgttgar cttcctctaa 60

arcttttctcg tgtatgtctt ctccatgcc a ta

93

<210> 23045

<211> 165

<212> DNA

<213> Homo sapiens

<400> 23045

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ggatgaagct	ggaaccacc	attctcagca	aactatcaca	aggacagaaa	accaaact	120
gcatgttctc	actcataggt	gggagttgaa	caataagaac	acatg		165

<210> 23046

<211> 398

<212> DNA

<213> Homo sapiens

<400> 23046

acattgcaga	gcttgtagg	tggatgcctc	cagagccaaa	ctttgcaaaa	taccaagcaa	60
gtgaatgaag	ccctggctat	ggtcttgga	aggacaaagt	tcattgctgg	aagaaagtga	120
aaattttacc	tctactgaag	acgctgcata	aatatggaaa	gctttccccg	aaagtaattg	180
aaccatggg	tcgaagttag	aagggtcctt	aaaaatccac	ttgacccttc	taaattgttg	240
gctagtttat	ttttgaacat	ttctagtaat	ggaagttgat	tctgccctat	ggccggccaa	300
cctcactttg	cactgttcta	accattacaa	tgttcatcca	tagagtagat	caaatttggtg	360
ttsacaatc	atctattttt	tcwaagcata	aacatact			398

<210> 23047

<211> 179

<212> DNA

<213> Homo sapiens

<400> 23047

ctttccctgt	tagacatgtg	actgcagtgt	actctcaatg	aggaagatat	agatacgaaa	60
agaactagag	ccgcatcaca	tggggacttc	tgcaaataca	gagactcgga	ttaaagggtg	120
agaagatgga	gctaaaggaa	ctgcttattt	aatacatttg	aacaactttt	ggggggcga	179

<210> 23048

<211> 234

<212> DNA

<213> Homo sapiens

<400> 23048

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agtttccagt	kgggccgggg	tttcacccgg	gcctctctctg	tttgaaccga	acccgacaaa	120
tgggcgcatg	acgatggaga	gcagggaaat	ggactgctat	ctccgtcgcc	tcaaacagga	180
gctgatgtcc	atgaaggagg	tgggtgatgg	cttacaggat	cagatgaact	gcat	234

<210> 23049

<211> 96

<212> DNA

<213> Homo sapiens

<400> 23049

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ggatgaagct ggaaccacc attctcagca aactat 96

<210> 23050
<211> 165
<212> DNA
<213> Homo sapiens

<400> 23050
tatacaccat ggaatactat gcagccataa aaaatgagtt catgtccttt gcagggacat 60
ggatgaagct ggaaccacc attctcagca aactatcaca aggacagaaa accaaacact 120
gcatgttctc actcataggt gggagttgaa caataagaac acatg 165

<210> 23051
<211> 416
<212> DNA
<213> Homo sapiens

<400> 23051
attttttact catttaggmk aacattcaac tgccttaaga atgtatacat ttttaataata 60
tgtcttaatt gcatttaggt ttgtctttac cataatatag agtgtattca atttttttcc 120
aggcagtatt tactaagtgg aaattttcta cttatcacia tttttggaca cattaaaagc 180
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ttttcatatt aggttactcc accaactgta gattaagtag tttaaact ttagtactta 300
ccagtcttta tgggaaaaat ctgcattgga ctaaagtaga gatttttagtt ctagcatttg 360
gttgatgcag twtcttgag taaacattgc wtcttggaa aatgtaatgt cataaa 416

<210> 23052
<211> 388
<212> DNA
<213> Homo sapiens

<400> 23052
gccattaaaa ttttactaaa attgtgcatg taaattaatt gtcagcattc catgtctcaa 60
gattttctta atttagttcg ctgttttaaat taattcatgt cctgtaaaagt tctgaccttg 120
ataacaaagc tataaatatt taagtttgct aatatgcgta agtattatcg gtaagttaca 180
agatggaaga agaataacag tagggcacag tcattctgtg aatcctttta cttatcaaaa 240
tttggtagct attctaaggc ttttgcagaa aaataagtg tcaatgtttg tagttcttca 300
aaagcatgtt gcagtagcca gccatactat gtgtatycca gtatcatgta cgcactaaaa 360
aaaatgtgtg cttgctgctg ctgtgagt 388

<210> 23053
<211> 212
<212> DNA
<213> Homo sapiens

<400> 23053
taaacaatta gaaaatttta ttctgtcaca taacaagcag tgtaaagtta ggatggctca 60
gaaatgacta attcaatatc tgaacaacag gtcaaagatc cagggtgtctc ttctctgtcc 120
actctgttac agtatgtgtc tgttctaccc tgggctgact cccctcgtga ttgcacaacg 180
attgcccttt ttctaaactt cacatccaaa cc 212

<210> 23054
<211> 350
<212> DNA

<213> Homo sapiens

<400> 23054

ctgcttggtg	tgtaaggtg	agaratggg	agtggtttg	gtagagaatt	aaagttgctg	60
tgtgtgctct	ttggaccact	ccaagaggh	ddrtacactg	ccatttggat	ggggtgagtk	120
tgtgcctgag	tdcctgtcct	ttctgcctgt	gactagagat	aggcatgatg	taaaaacacc	180
aggatctgct	gcttagcaac	cagtaaaata	ccgtatatct	ggataggcag	taacacagta	240
cttcattcat	ttctctttca	gtgtgatgaa	gagaaaaggc	ttttttgctt	ragaaacaga	300
aaagccccc	ttctctagaa	aagccatatg	tgatcattat	ggaaaataca		350

<210> 23055

<211> 406

<212> DNA

<213> Homo sapiens

<400> 23055

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aacagcatga	tgacgtaagt	vagtyctttg	gtgtatagg	ttttctgtdt	ttcttttttg	120
gggtttgtct	gagacggagt	cttgctctgt	cactcaggct	ggagtgcagt	gtttcattct	180
cggctcactg	cagcctttgc	ctcccggtt	cagggtgatac	tcagcctcct	gagtggctgg	240
gattgcaggc	gccaccacc	acagccagg	aattttttgt	atttttagta	gagacgggg	300
ttcactacat	tgccagggt	actctcgagc	tcctggcctc	aagtggcca	cctgcctcgg	360
cctcccaaag	tgccaggcac	aggcatgagc	sactgcaccc	ggcagt		406

<210> 23056

<211> 280

<212> DNA

<213> Homo sapiens

<400> 23056

cagggttagt	aaataagctt	agtggagttc	atgaaccac	tggaattcca	tgtatatattt	60
tgcatatctg	ttttatggag	gtggtccttc	atacggccaa	tcaattcatt	gattctgagt	120
gatttgatta	tgatttgctt	gcctaaaaga	ataatgttta	gatgattttg	agcatctaag	180
aaaacctgat	agttataatt	ttgaactgg	ttgccttaaa	gttcttgaat	ataatttagg	240
aaggatgty	aagacacaca	tatgtgtggg	tgtgtacaag			280

<210> 23057

<211> 186

<212> DNA

<213> Homo sapiens

<400> 23057

taccagttag	gtagagtagg	tcgggatggg	caagcccaga	ganycaagga	ctctgccttt	60
tatgcacatg	caccctcgc	ccccatcacc	caccatgcac	acacacagac	atacacatat	120
gtgccagag	tngattagag	tctactggct	ttctgccacc	taaaggaaat	attatagacc	180
gccaga						186

<210> 23058

<211> 278

<212> DNA

<213> Homo sapiens

<400> 23058

tctttctccc	agtaagctct	ctgatgggag	tctatgatct	agatcttggt	ttatTTTTTc	60
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ttaagaaatc	attaaagcgc	agaagctatt	cctacaagga	tctgtaatcc	taacgtgtag	120
aaccagtaaa	gcaccacaga	gctggatagt	gggataaaca	tgctgcatgt	ggctncctgg	180
gcacgtgcac	tagctgcttt	tgccactggg	tcagggaaca	ggagctaaat	ttgggtctgta	240
ttattgtgtt	ttaagctgaa	aactgattct	tggtctggc			278

<210> 23059
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 23059						
tttktttatt	gtgtctattt	gaykctkctc	tcttwtatctt	cttwgttagt	ctggctagca	60
gtctattttt	ttaatctttt	caaaaaacca	gcncctggat	acattttttt	tgaaccgttt	120
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aaaagtcctt	acaatgcttg	tttcaaagaa	ccaacagaaa	aaaaagctaa	gaaaactgag	180
aactaacatt	aaarraatta	aatttagaat	aagaatgatt	tctttaattt	gtcctttttt	240
tctttgggtc	aaaacattat	taaatttttg	taaatatttt	gatttaattg	gtcttagatc	300
ctcattattt	taatacagga	waagwaaaga	tttagtaatt	tcttaccatg	ctaatatgta	360
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ttgcattctg	atgtagttta	ttaaagttaa	gaaaaattaa	agttttgtca	atacatagtt	240
tggttaattt	aattatacct	ataataagga	agaaggcaaa	attttcatag	aatgagggtc	300
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 <212> DNA
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<210> 23063
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<212> DNA
<213> Homo sapiens

<400> 23063
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tatgacccaa gtttaggaac aggctttatt tggaatatgt ggaggtaact tggctttccc 180
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agtgttttagc agtattgcta tttaatcttt cttccccttt ttagggacag tctccctcaa 360
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<210> 23064
<211> 118
<212> DNA
<213> Homo sapiens

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<212> DNA
<213> Homo sapiens

<400> 23065
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cgattcccat tgtacctggc aggaaatgag gctctgagag gttcagtcac ttacctgagt 180
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cacgcttttc cctatgcacc ggcg 264

<210> 23066
<211> 219
<212> DNA
<213> Homo sapiens

<400> 23066
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ctgtcaggga agacgagagg catagctgct gtgagctcct gagabcctga aaatgctggg 180
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<212> DNA
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<400> 23072
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gactcagcac acaaccaagc catgggtccac tggctctggcc acaacagcag cgtgattctc 180
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<212> DNA
<213> Homo sapiens

<400> 23073
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acccatttag caatttctta tgggtgattat ttttgatttt ccaagtaata tgctttaata 180
tcctacttta tgaaatttag agactattga ctttttggga tggatatataa ggactttgct 240
tctttataac nnccttcttc tctgcactac cccaatata cttacactat aattttcagt 300
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<210> 23074
<211> 266
<212> DNA
<213> Homo sapiens

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ctcagctcac tgcaatctcc gtcttcccaa ggttcaagcg atctgccccat ttcagcccc 240
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<210> 23075
<211> 72
<212> DNA
<213> Homo sapiens

<400> 23075
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aaaaaaaaaa aa 72

<210> 23076
<211> 98
<212> DNA
<213> Homo sapiens

<400> 23076
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ctttttcttt tttctttttc tegtacaca ggtaaccg 98

<210> 23077
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<212> DNA
<213> Homo sapiens

<210> 23078

<211> 113

<212> DNA

<213> Homo sapiens

<400> 23078

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<210> 23079

$\langle 211 \rangle$ 220

<212> DNA

<213> Homo sapiens

<400> 23079

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ctgaccttaa	gtgatctgcc	tgccttggcc	tcccaaagtg	ctgggcttta	caggtgtgaa	180
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<210> 23080

$\langle 211 \rangle$ 220

<212> DNA

<213> Homo sapiens

<400> 23080

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gcagaggttg	cagtgaacca	aggtcacgtc	actgcactct	agcctgggca	acagagtaag	180
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<210> 23081

<211> 75

<212> DNA

<213> Homo sapiens

<400> 23081

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<210> 23082

<211> 229

<212> DNA

<213> Homo sapiens

<400> 23082
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gcccagagaac atccygctgg agctgttcac gcacgtgccg gcccgccagc tgctgctgaa 180
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<210> 23083
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<212> DNA
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<400> 23083
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<210> 23084
<211> 371
<212> DNA
<213> Homo sapiens

<400> 23084
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aagtgttggg attacaggca tgagccacgg tgcacagcaa gagctttaac cttaatgacc 240
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aagcctgcyg r 371

<210> 23085
<211> 195
<212> DNA
<213> Homo sapiens

<400> 23085
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aagctacca aasragacta atgaacttca agcagaatgc tgctccattg gttaaatact 180
tccaggaaaa gaggc 195

<210> 23086
<211> 204
<212> DNA
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<400> 23086
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<210> 23087

<211> 184
<212> DNA
<213> Homo sapiens

<400> 23087
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tgaggagag tagtcccagg cctcacaaat aggaagtggg gcaacagaga tctgaactca 180
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<210> 23088
<211> 178
<212> DNA
<213> Homo sapiens

<400> 23088
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<210> 23089
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<212> DNA
<213> Homo sapiens

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wwagacaatt ctttaatcag tttttaaaat gaaactactt ttctcagctg ttaaaaaaat 180
agatttataa taatagtcac caa 203

<210> 23090
<211> 336
<212> DNA
<213> Homo sapiens

<400> 23090
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aagtactttt tgtcaagtgg gataatgact cagtagatga haaatctcat agagtgttct 180
gtccttcatt agaaaaactt ccatttgccct tgtcttcttt tgggtgactaa attgaatttg 240
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gagaggaagg tggttttata tggttctgag gcbccct 336

<210> 23091
<211> 411
<212> DNA
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<400> 23091
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gcaaagatag tagtcaaagt tgggagaagg tgtaatttta ctgatttttt tctttttgac 240

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gctatttttt	aatgtcattt
aatgtttata	gataacacgt
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<210> 23093
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ctcctggcag	gagcagcagt
gccccac	
	cgctgttgag
	ggcnaagggg
	gagakggcct
	atgtagtgga
	gtcaccatct
	cgggtacaact
	ttcatcccag
	gatgcctttc
	tgaagttggc
	cacttcttga
	agattcaaat
	gcaggtatct
	cactgtttac
	tggtgttaga
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<210> 23095
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 <212> DNA
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<212> DNA

<213> Homo sapiens

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tttaaaggaa	aaatcaattt	ataaaatcat	gtaggccatt	tttatatttg	aratttgtcc	180
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aagaacccca						250

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<211> 322

<212> DNA

<213> Homo sapiens

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tctctatacg	ccttcctaga	cccctgaaat	ctattcagga	taagtgaagt	ttgctataag	240
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<211> 322

<212> DNA

<213> Homo sapiens

<400> 23098

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gggactgggc	gttaaaaggg	ccagacttgg	actcccccg	gagcttcggg	agtcgacaac	300
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<210> 23099

<211> 394

<212> DNA

<213> Homo sapiens

<400> 23099

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tggcagggttc	acagtaggca	ctcaggtttc	aggcataggg	tgtaccagtt	atttttgaat	180
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acaaatgtaa	ttttattgag	ggaaatgctt	aatcagtgag	ctgaacttta	atgtaaattt	300
gaaatgaaaa	ggtctgtgtt	ctgatttcag	attttcagaa	actggatgtt	agatggaaat	360
catgttagcc	ttaataccat	gccttaaaat	gcta			394

<210> 23100

<211> 147

<212> DNA

<213> Homo sapiens

<400> 23100
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cttgacaggta ttttatgcat ggtgtgtgtc gggaaggaag tcagtgccta ttctcacatg 120
acttggcaaa cagcaaaccg tccacca 147

<210> 23101
<211> 134
<212> DNA
<213> Homo sapiens

<400> 23101
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aagacggagg gga 134

<210> 23102
<211> 160
<212> DNA
<213> Homo sapiens

<400> 23102
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aaaatggcag ccttccatct cctgcactgg ctgagtccat ttacttgtgt acttgttcta 120
gtgagtgggtg ggactgtaca tttttgaata gacctcaaaa 160

<210> 23103
<211> 389
<212> DNA
<213> Homo sapiens

<400> 23103
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tagttctcat cctccgcatg ccctcagcca caagcgggtg actgactgtt ccctgatgat 180
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ccctttctga gcatgtggtc cttccccagg ctgtgggaca cangsnttcc cacgaaagtg 360
vaaagcagta ttaagatcat actgcatgt 389

<210> 23104
<211> 99
<212> DNA
<213> Homo sapiens

<400> 23104
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<210> 23105
<211> 160
<212> DNA
<213> Homo sapiens

<400> 23105
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gaaaagttca gcttttctga gctgtaccat agcggccgct 160

<210> 23106
<211> 146
<212> DNA
<213> Homo sapiens

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attaagtgam ataaaccagg cacaga 146

<210> 23107
<211> 327
<212> DNA
<213> Homo sapiens

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gatttttttt ttttaaggg ttttttgtgt ggctgtctcc ttcagttctg ctctgatctt 180
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yctataaatt tccctcttaa cactgca 327

<210> 23108
<211> 173
<212> DNA
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<210> 23109
<211> 162
<212> DNA
<213> Homo sapiens

<400> 23109
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attacatta aatgtttttt ttcccaagat tgtgttggag ac 162

<210> 23110
<211> 271
<212> DNA
<213> Homo sapiens

<400> 23110

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aattatatta	atcaagtttc	tgtttccctt	aacatcaata	aagttaaaaa	attccatcaa	180
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<210> 23111
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 <212> DNA
 <213> Homo sapiens

<400> 23111						
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ttatataata	atattatatt	taaaatggtc	tttcagaata	mcartgttgt	agaacartta	120
tatcmartgt	gtgtgtgtgt	gtttgtgtgt	gtgtrtgtgt	gtgtgtgtgt	tagaatccaa	180
tatttcagt	atattaggcc	taa				203

<210> 23112
 <211> 215
 <212> DNA
 <213> Homo sapiens

<400> 23112						
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casaaggaca	tggtgtgtgt	gatctgcatt	gaggtggtct	atgagaaagc	caaccccagt	120
gagcgccgct	tcgggatcct	ctccaactgc	aaccacacct	actgtctcaa	gtgcattcgc	180
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<210> 23113
 <211> 420
 <212> DNA
 <213> Homo sapiens

<400> 23113						
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catggcgaac	ccgtctttgc	agaagatgca	aagattaatc	gtgtgttgtg	gtgcatgcct	180
gtagtcccag	ctacttgggg	ggctgaggtg	ggaggatctc	ttgagcctag	gatgtcaagg	240
gtgcagtgag	ccgagattgt	gccactgcac	tccagcctgg	ccgacacatg	gagaccctgt	300
ctgaaaaaaaa	tccaaaaaaaa	acaacaaaat	aatactgacc	acctaatacc	tatttggggc	360
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<210> 23114
 <211> 58
 <212> DNA
 <213> Homo sapiens

<400> 23114						
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<210> 23115
 <211> 225
 <212> DNA
 <213> Homo sapiens

<400> 23115
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 gcggcgggcg cagcdgcggc ggcgtagggg gttttaactc aaatgggtga tgaaaaggac 120
 tcttggaag tgaaaacttt agatgaaatt cttcaggaaa agaaacgaag gaaggaacaa 180
 gagggagaaag cagagataaa acgcttaaaa aattctgatg accag 225

<210> 23116
 <211> 385
 <212> DNA
 <213> Homo sapiens

<400> 23116
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 tcctgttcgt agtcaagtgc ttggtatatg aatacgtgtt gaacaaataa agaatacttt 120
 gtgttttagt gattaatagg attgaaagac attgggataa aagttacccc ttagttaact 180
 tttccccccg caggtgcact cacctttcaa gcttaggaag atgtgaaaga tttgcagtca 240
 aactcaagtt caaatcccag tcccactgac cttgggaaag ttctttaaac ctccctgtgc 300
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 agaacatgta tctctacac cacia 385

<210> 23117
 <211> 208
 <212> DNA
 <213> Homo sapiens

<400> 23117
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 ctttttttaa gtaaaacttg gtattgagtc ttaactgtat ttcagtattt tccagcctta 120
 tgtgtbacat tattccaatg ataccaaca gtttattttt attatttttt taaacaaaat 180
 ttcacagttc tgtaatgtag gcacaagg 208

<210> 23118
 <211> 119
 <212> DNA
 <213> Homo sapiens

<400> 23118
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<210> 23119
 <211> 437
 <212> DNA
 <213> Homo sapiens

<400> 23119
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 aggcagaggg agctggaatg gcaacctccc cagcgcccca tcaggggmta cagcaataac 120
 agcatccagg acttgctgg ccagaaggta caccagctgg tcaccacctg ctggcaccct 180
 gcatccctat ctgggctctg gggtttagcag gtgggagtag gactgggggt ggaggccaag 240
 catcctaaaa gctttatttt tctattatga gacttggttg gactgactt catcttcttc 300
 tttttttttg aaacagggtc tcactctgtt gccaggctg gagttcagt gtgtgatcac 360
 ggytcactat ggccttaacc ttccaaggct caggtgatcc tcctgcctma gcttcccaag 420

tagctgggac aacaggt 437

<210> 23120
<211> 312
<212> DNA
<213> Homo sapiens

<400> 23120
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gcccttggtc tgaaaaaact cttggatgtt acatgttcca gcttgtctgt gacccaggag 180
gaggcagagg aactgctcca ggctctgcac cgcctcacta ggctgggtggc attccgtgac 240
ctgtcctctg ccgaggcaat tctggctctc tttccagaaa atttccacca aaacctcaaa 300
aacctgctga ca 312

<210> 23121
<211> 280
<212> DNA
<213> Homo sapiens

<400> 23121
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cccggcatat aacgggagcc cattataagt gaactgaggt gttattttta tatatacctt 120
ttaaagtttg agtggttaggc atgctgttga gtgaaagaag acagactgtt accagaggac 180
atattctgtt ctatgatacc acttgtgtta acgtgaaaag caggcaggaa ttttccatgt 240
gagagaagtc agaatagcag tbagcttacc aggggggtgca 280

<210> 23122
<211> 329
<212> DNA
<213> Homo sapiens

<400> 23122
aaagagaaaa cttagtagttt acagtggaga aaacttccag atgcaccact tcacctgtaa 60
taagacatat taacatcata tgcactcata tattggaata tatgcatcac atatgatgca 120
cttgagaaga ctacatcagc tctgtggtga tgtggccttc agaatgcata acttcagtct 180
aatgagaaaa catctgacaa acccaaactg tgggacattc tgcagtgtgt atgatataac 240
atcaatatta tgaaagaaga aagactagga taagtctcgg attggagaag actaaggaaa 300
tgtaaaacta aatgtaaggg ggggggggac 329

<210> 23123
<211> 146
<212> DNA
<213> Homo sapiens

<400> 23123
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cagtcccaag tatcttacc ctagctctaa gactgaatga cttggctgtg aaccacctgt 120
ctgaccttac cttctaacct ccacat 146

<210> 23124
<211> 80
<212> DNA
<213> Homo sapiens

<400> 23124
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gcagagcatc cgaggggcac 80

<210> 23125
<211> 216
<212> DNA
<213> Homo sapiens

<400> 23125
aactcaattc aggggaagct gaagaggaat acatgtgatg tcaggatato aggaagagaa 60
gactctcaaa tgttgaaatt tcaaattgtgg gcgaggaagt gacatttatt acccgcacrc 120
agaagagaat gagccaagag gtgctgcagg agttcagagg caagagagag gaatgtggcc 180
tgatatgcac agaagacttc atgaaggaac tgggcc 216

<210> 23126
<211> 430
<212> DNA
<213> Homo sapiens

<400> 23126
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atcacgcaat atttgtcttt ctgtgcctgg cttatttcac tcagcacaat gtttgtcaga 120
ttgatccatg ttgtcacaag tggatgatt tcctttttta ctaccgaata atattctaaa 180
gtttctatac cacattttct ttaccaattt atctgctgaa ggacacgtag gttgtttatg 240
tatttggtta tcatgaataa atgttacagt gaacatgaga gtgcaaatac ctcttcaaga 300
cactgatttt atktcttttg accatatacc cagaagtagg attgttagac catatgggag 360
ttttattttt cattttttaag aaacttccat aatgrcttta ckaatttcca ttcccaccag 420
caggacacca 430

<210> 23127
<211> 277
<212> DNA
<213> Homo sapiens

<400> 23127
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aattctgtgg agaattcttca gcagaaaaca cttcaggatc tgttacatga gctttcctcc 120
tggctagttt tggaaggcat ggccagtaca attactggaa gtcaggattg tattgtgaat 180
catcgagggg aagtggatgg ggagcctgaa ctagatattt ccccttgtca acagtgggga 240
gaagcatctt ctctatttc cagaaacagg gacagca 277

<210> 23128
<211> 304
<212> DNA
<213> Homo sapiens

<400> 23128
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agagaaattt tgtattctga agatgtacag acaattataa ggaactctgg ttgactgcag 120
ggggaagaga cacaatagct attaaaataa aagtatgaca gtngggctaa acaggcagcc 180
tcaaacatcc taggagctcc tgagggaac actgtatgta gtgactcagg ttcttagagg 240
aaagtgggtc atcaacaaga agcatacagg cttgtttttg gtatctttat aagaatagag 300

ggac 304

<210> 23129
 <211> 98
 <212> DNA
 <213> Homo sapiens

<400> 23129
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 aaaatgtaca gccacagcct ttaatttgg gagcccta 98

<210> 23130
 <211> 128
 <212> DNA
 <213> Homo sapiens

<400> 23130
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 tggcacaagt accatatattt atcagagttc ttatgtacag tatggtgaag ataagtgaca 120
 agcacacg 128

<210> 23131
 <211> 208
 <212> DNA
 <213> Homo sapiens

<400> 23131
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 ctttttttaa gtaaacttgt gtattgagtc ttaactgtat ttcagtattt tccagcctta 120
 tgtgtnacat tattccaatg ataccaaca gtttattttt attatttttt taaacaaaat 180
 ttcacagttc tgtaatgtag gcacaagg 208

<210> 23132
 <211> 164
 <212> DNA
 <213> Homo sapiens

<400> 23132
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 ttttcacaac tgaacattg ggccgttggg gggacgttct gtgccttgaa acttttaata 120
 cgtgcagctc catctcctct atcactttt agattcctag tcct 164

<210> 23133
 <211> 115
 <212> DNA
 <213> Homo sapiens

<400> 23133
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 tctggtagat atactacttc tcataggaag tttatttcta ttttactatg ctgca 115

<210> 23134
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 <212> DNA

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 tttctttttt ttaaattctat tttaacttgg aaaaaactca gatatgtaat aaagcacatc 180
 aggttacaaa tagcaaaaaa attaatgctga aattctttta atttgaagaa ttacttatca 240
 caacatagtc tcataactct ttctgcttct tacttttttt ctttctctaa aggccaat 299

<210> 23139
 <211> 181
 <212> DNA
 <213> Homo sapiens

<400> 23139
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 atattacatt tcattttatc tntagcaata tatttgtagg tatactctgt aagagcttta 120
 aataaaagag gtccattaat acttccttat aaaaattcta gtctgtttca ttactgcca 180
 c 181

<210> 23140
 <211> 154
 <212> DNA
 <213> Homo sapiens

<400> 23140
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 actaaatttt gcaaaagttc aagttgagtt ctgtaaattg aatttaaatt aaaacatata 120
 atataaatca gggataggta aacaactggc cagc 154

<210> 23141
 <211> 199
 <212> DNA
 <213> Homo sapiens

<400> 23141
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 ataatacagga ggcgtctacaa ctaaattaat gagtattctt ctccattttc ttatttatga 120
 aaagaatata gcattacttc atgattattt gagggtaatg aatttatgaa gtactcgaat 180
 taacatttat acccgccaa 199

<210> 23142
 <211> 127
 <212> DNA
 <213> Homo sapiens

<400> 23142
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 cgtagaa 127

<210> 23143
 <211> 216
 <212> DNA
 <213> Homo sapiens

<400> 23143
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taattttttaa	aaaaatgttg	tccggtaaaa	tatacatcat	atcaacttac	tggtggcttt	120
ggcccacttc	ttctattttc	ctttcattac	aaatttttat	tagctgtgaa	agaacagact	180
tcccaatttc	aagaaaagtt	tggtaatata	ttttgt			216

<210> 23144
 <211> 278
 <212> DNA
 <213> Homo sapiens

<400> 23144						
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cctgcggata	cggagaaact	gcactcttcgc	gtgacttttg	gcgctattcc	tcgcggtagt	120
ggcaaggcct	tctgggagtt	gtagttctac	gggaggcttg	ttttcccat	cttccagttt	180
gattccgaga	gcgttctttc	cacttaatta	attattcata	tatgcaaatt	tgctctttca	240
ctggcaagga	gactgagtk	ctactccccg	aggagcwk			278

<210> 23145
 <211> 177
 <212> DNA
 <213> Homo sapiens

<400> 23145						
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aaactgttca	aatgatgaa	cgaagatgca	gctcagaaaa	gcgacagtkg	agagaagttc	120
aacggcagta	gtcagaggag	aaaaagaccc	aagaagtctg	acagcaatgc	aagcaaa	177

<210> 23146
 <211> 307
 <212> DNA
 <213> Homo sapiens

<400> 23146						
agtactctca	gtntctgatgk	cacaggcgcg	gcaaggacat	cgcaaggagg	agtcggatta	60
cagtaaggat	gggcagtgca	gcaggcagcc	cgagcgact	ctccagccgc	cggggatctt	120
agccctggaa	aggcagcctg	caaggctcat	ccgcggagg	aggcacgctc	tcggcgctca	180
ctgctctcca	cgccggggac	atttccaccg	aatgtagcat	gaaagggctc	tgctctacgt	240
gccagcyttg	ggtgagagct	gatgctgaag	acaccgcggt	gggattccag	ctgtctgatt	300
aatgaga						307

<210> 23147
 <211> 200
 <212> DNA
 <213> Homo sapiens

<400> 23147						
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gagaacctga	gctgttttca	ctcatgggtga	aagggtgaagc	ggggctgagc	tggtgtgtgc	120
agagattaca	tgatgaaaga	agaaacaagt	bagaaggaga	aggctccagg	ctctttttaa	180
caaccagctc	tcacagaaac					200

<210> 23148
 <211> 158
 <212> DNA
 <213> Homo sapiens

<400> 23148
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 tatttgggac tgaagatgta aacaaaaaat caatcttgtg acttgtagat ttctatcttt 120
 tttggcttca gaagatggat gaactggctg cccccacg 158

<210> 23149
 <211> 61
 <212> DNA
 <213> Homo sapiens

<400> 23149
 atatatacct tacttttagta tccattgaca agttctcctt tttcttcttc ttcatttttt 60
 t 61

<210> 23150
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 23150
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 tcaaactttg tcgaagatag agtgtctagg gggaaacccat aaatgtaaga cccaacgggt 120
 ctgtgacctt gaaatatatt ggaaatgtgt attggaaatg taagtaggta atttattttt 180
 taaaaatccg tagaatcatg tcgcgccaac atggaatagc ttggaggaga tcatgttaag 240
 caggttgtca ggcacagaaa ggtaaatact acatgctttc actcacatgt gggacgaaaa 300
 gaaaaaagga attcctgaaa gtagagaggt aaaagc 336

<210> 23151
 <211> 420
 <212> DNA
 <213> Homo sapiens

<400> 23151
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 aagaaagaaa aaggagaact gaattgaatt agattagcat gaaggacctt ttcacgcgga 120
 gactaaaagt actgcgcata acttctctgt cagaaatata tgcaaataag aagacagatc 180
 ctgaaagagc aagctaggag agtacaggtc gtgctgcagt tagttcattg aaaactcatt 240
 tgctcttgga gcagtcaggc agtgactgcc ttcggtcttt tttctgctga ctaagatctc 300
 ctatagagag ctacaacaat gcccaaaaga aaggctgcag gtcaagggtga tatgaggcag 360
 gagccaaaga gaagatctgc caggttgtct gctatgcttg tgccagttac accagaggtg 420

<210> 23152
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 23152
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 ttctgcagta cgtttgtgtt gatatgatgt cactaaacaa tgatatttca tcaactgtgga 120
 aggtacagga atttaaattt tatctccttg attatgggat taagaaggaa gctgcatgct 180
 tccgtaaata tcttaatgtt taattcttaa ttgtagatgt agaaataaaa gcattttaatt 240
 atcatatgta tgtaatgtac ttgctgagtt gtgcttgctc ttcctttctt tatattcttt 300
 gtttttcctt cttagagttg ttttttttcc cctgcaa 337

<210> 23153
<211> 256
<212> DNA
<213> Homo sapiens

<400> 23153
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ctgctgggtga atcacatgcg gcaagaggca actggctcca cagcctggga tgctgccgta 120
ccaagaggaa agaagcagca aaatgccttt acgttggtct aaacccccga cgcataaagt 180
gtagaggagg gatggccaag ggtgggtggt agaaagtgtg tdcaggctga cactggcaat 240
gagtacagat aatttc 256

<210> 23154
<211> 99
<212> DNA
<213> Homo sapiens

<400> 23154
caccatgtgt ctatctgaag gttgcactgg ccagcatggg cctgtcccaa gcgagagggg 60
agacacagtg gactgaaagg actgggtgaa agtggccgc 99

<210> 23155
<211> 195
<212> DNA
<213> Homo sapiens

<400> 23155
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tcttaaaatg ttgttttaat tatatgggtg ctcttttgta ggctgtcaga tacaactgca 120
ttagaataga taaacaacca gtgtacaacg takaggtgag gggcttgag cagcattggt 180
gatgggggca aagaa 195

<210> 23156
<211> 200
<212> DNA
<213> Homo sapiens

<400> 23156
aaaagattga saccaggttt cttggacaaa ttttaagttca aatttatctc tttcaagtag 60
accatgggtct ccctagagag tgtgttggtg tgtgtctgcc agtacgacaa aggacgtcc 120
cagcttgatc gtggtacctt atggaagcca ctacgcatt ctctgattta cccccaaaac 180
actaccatgc cccagcccca 200

<210> 23157
<211> 199
<212> DNA
<213> Homo sapiens

<400> 23157
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gaccagaata caaggaatgg acctgtgatt agctgataac attgtgggtt tctccttttt 120
atcaagtaag aatattagct acagaaagat gtgctataag atattcctgg taaagacttt 180
caaatattag tgggaactc 199

<210> 23158
<211> 198
<212> DNA
<213> Homo sapiens

<400> 23158
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aggcatcagt ttttaaaact gcatatacca cacacacaca aaacagtaca caaataargg 120
ttttcacaaa ttaacaaaac tcacatacta gtcttcagat caaaacacag agcattatgt 180
gtaccccaga agccctta 198

<210> 23159
<211> 108
<212> DNA
<213> Homo sapiens

<400> 23159
cttatacatg tcttgtggta agcatatata tgcctttctg ttggggaaat atctaggaaa 60
ggaattgctg ggtcgtatag atacacattt gtccagcctt agtagccc 108

<210> 23160
<211> 153
<212> DNA
<213> Homo sapiens

<400> 23160
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gagtattgag gagaccccat cttcagaacc aatggaggaa gaggaagatg acgacttgga 120
gctgtttggg ggctatgata gtttcgggag tag 153

<210> 23161
<211> 428
<212> DNA
<213> Homo sapiens

<400> 23161
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atgarrocaa accocttggt tttattcccc tttccgacat accttttaag agtactaaat 120
acataatagc gttttaagag tactaatatt tctgccaacc agaaaacctc accaccatct 180
ttgattcccc ccatcccgcc tacctttttt taaagggtcta gtgatttttc tttccattgt 240
gtgcagaatt ttttccttct cttatgttgt cttaacacgg gtttcattgca gctgacctcc 300
tgattgatcc agtggmwgat actccccact ctgccctgat aattgggtcac agtgccttga 360
tggtgtttat gtgttacaca aaaatatgta atgacttccc tcttgccctc gagcttgtcc 420
acaaacat 428

<210> 23162
<211> 166
<212> DNA
<213> Homo sapiens

<400> 23162
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aattagggcc tcctctgata tctcgctata tgcgggtcct gtccttttct caagaccttc 120

accattactg gtgttttccct gtcttctctt tagtatgatc cccctt 166

<210> 23163

<211> 118

<212> DNA

<213> Homo sapiens

<400> 23163

aaataaatag atagatagat agatagatag atagatagat agatagatag ataggataga 60
tagatacata gatagatata tagatagatt cagatgctaa aacaaagaca cccccgct 118

<210> 23164

<211> 239

<212> DNA

<213> Homo sapiens

<400> 23164

attacttttc ttttattggc atttacttga gagttctaga gccatgccca gagttccaga 60
actccagagc taaaattaga caaagaaact tctccatctc agagagcaga gaactcgccc 120
acattagctg atctactggc acctcccaca gactcacaaa ggccatttgc ataactccca 180
tgctctctag taacatccaa aggctcaagc cgatgtatct ttttcaacca cagagcaaa 239

<210> 23165

<211> 440

<212> DNA

<213> Homo sapiens

<400> 23165

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gtccacgtct ccattctattc cccaccgcga ccgcgcaagg gcaaactggc acagtgggaag 120
gagtcgggca gatccagggc ggactcctgg cgccgcgcgc cactctcagt gaccatggac 180
ccttcacgtt ctgagccagt ytcttcgact gcaaactggg gcccgtaata gcgcccgcct 240
cccgtttctg agtattctag aggtccaccg ggagagcggg gccccccggg tcccccgga 300
ccgcccggag tgcttgatc cgacggcatc gacggtgaca atgggcccc tggaagagct 360
ggcctccgg gasccaaggc cgagcctggc aaagctgggc cagatgggca gacgggaagc 420
ccgggattga tggkttact 440

<210> 23166

<211> 213

<212> DNA

<213> Homo sapiens

<400> 23166

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attatattgg aagctttttg gcaagagcta aatttattcc tcttattact gtaaaacat 120
gcctagatct tttggttaac tggctgcaca tataccttaa taaccaggat tcgggaacaa 180
aggcattctg caatgttgct ctccatggac cta 213

<210> 23167

<211> 143

<212> DNA

<213> Homo sapiens

<400> 23167

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gctgggtgcgc	tgacccact	aactcgtcat	ctagcattag	gtatatctcc	caatgctatc	120
cctcccccat	ctccccccac	tca				143

<210> 23168
 <211> 200
 <212> DNA
 <213> Homo sapiens

<400> 23168						
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gtggatcaga	tttgcaaaac	tccattttct	agccaatatc	ataggaaaat	taaagaaaag	120
agcatttgct	atctattact	gtctccagaa	aaaacctcca	gctttgttaa	aggtataact	180
ttaaaaagca	acaaccgct					200

<210> 23169
 <211> 126
 <212> DNA
 <213> Homo sapiens

<400> 23169						
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tcccaggaga	acctccgagg	tgggaggggc	ccgcccgcac	agagggatgt	yctggagaag	120
ccggga						126

<210> 23170
 <211> 154
 <212> DNA
 <213> Homo sapiens

<400> 23170						
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cgggcacagt	ggcttatgcc	tgtaatccta	gcgctttggg	aggccaagga	gggcggatca	120
cttgagatct	ggagttcgag	accagcctgg	ccca			154

<210> 23171
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 <212> DNA
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<400> 23171						
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atcccagcat	tttgggaggc	tgaggtggga	ggctcactgg	aggccaggag	ttcaagacca	120
gcctgagcag	catagggaga	cctcagctct	acaactgaaa	aaaaaatggc	cgggtgtgtt	180
catggtggca	cctgtctgta	ttccagccac	ttgggagggt	gaggcgggag	gtttgcttga	240
gtccgggagt	ttgaggttgc	ggtgagctac	acaatgagct	atggtggcac	tactacactc	300
cagcctgggc	catagagtaa	ggccct				327

<210> 23172
 <211> 196
 <212> DNA
 <213> Homo sapiens

<400> 23172

cattagcccc tttaatttg tttttccttt tgactcctgc tcccattagg agcaggaatg 60
gcagtaataa aagtctgcac tttggtcatt tcttttcctc agaggaagcc tgagtgtctca 120
cttaaacact atccctcag actccctgtg tgaggcctgc agaggccctg aatgcacaka 180
tgggaaacca gggcac 196

<210> 23173
<211> 154
<212> DNA
<213> Homo sapiens

<400> 23173
atatgatact tataatagta tccttaatta acataagtga tatcatatta ttcttgtgcc 60
caccacataa aacggctctaa gacagagcct ttgaccttaa agtgtctaca acttaattag 120
caaaataatg cttgcagaga gagacaagcc ggga 154

<210> 23174
<211> 222
<212> DNA
<213> Homo sapiens

<400> 23174
ttatatattca taccctaatt tttctttgaa aatattcaag atttgtagcc tagtgtgttc 60
tattttgtgt gattgtctga atgttttctg attttattgg gtaaaagttt gcctagtaat 120
gatctttcag caattcattg aaataattat ttgaagtaat cttgcttcag atttaatttg 180
tgatgtacat tggtgtacaa gccatttkrg tacaggtgcc tc 222

<210> 23175
<211> 201
<212> DNA
<213> Homo sapiens

<400> 23175
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gaaaaatgtg ctatcatcgt ttggagtgtt acaacataaa tattttggtc aacacttctt 120
atcctgctct gacttttcat ctcatctcca ttttcttctt ctcttgattg tttttatgtc 180
atttacatat gtaaaagcca c 201

<210> 23176
<211> 310
<212> DNA
<213> Homo sapiens

<400> 23176
gtatctgttt taaagaaggc acttgaaatt acaaaagcaa gtyatgtgac ccctcagcca 60
gaagatagtt ggatcccttt acttattaat gccattgatc attgcatgaa tagaatcaag 120
gagctcactc agagtgaact tgaattatga cttttcaggc tcatttgtac tctcttcccc 180
tctcatcgtc atggtcaggc tctgatacct gcttttaaaa tggagctaga atgcttgctg 240
gattgaaagg gagtgcctat ctatatattag caagagacac tattaccaa gattgttggt 300
taggcccaag 310

<210> 23177
<211> 429
<212> DNA
<213> Homo sapiens

<400> 23177
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aatcagtggc ttttaatatata ttcacagtgt tgtgtaactg tcaccactgt ctaatctcag 120
aacattttca tcaactcgaag aagaaaccct gtacctgtta aacagtcact cccattctg 180
tactctcctc cagtaactac taatctactc tctgtctcta tggatttgct ttttttattt 240
tttttggtggc acgatcttgg ctcaactgcag cctccacctc ctgggttcaa gcaatgctcc 300
tgcctcagcc tgctgagtag ctggtagctg ggattacagg cgcccaccac acccagctaa 360
tttttgtagt cgagacaggg tttcaccttg tttgccaggc tgggtctcgaa ctctgacct 420
taagtgatc 429

<210> 23178
<211> 417
<212> DNA
<213> Homo sapiens

<400> 23178
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aatcagtggc ttttaatatata ttcacagtgt tgtgtaactg tcaccactgt ctaatctcag 120
aacattttca tcaactcgaag aagaaaccct gtacctgtta aacagtcact cccattctg 180
tactctcctc cagtaactac taatctactc tctgtctcta tggatttgct ttttttattt 240
tttttggtggc acgatcttgg ctcaactgcag cctccacctc ctgggttcaa gcaatgctcc 300
tgcctcagcc tgctgagtag ctggtagctg ggattacagg cgcccaccas acccagctaa 360
tttttgtagt cgagacaggg tttcaccttg tttgccaggc tgggtctcgaa ctctga 417

<210> 23179
<211> 191
<212> DNA
<213> Homo sapiens

<400> 23179
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tgacttggtt attatttatg tatgtattga tgtgtataca tgtataaatt catacatatt 120
tttaaagaaa actttcatta gctctttata tgggaaatca ttatgtttta atatacatct 180
aagcaacgca a 191

<210> 23180
<211> 259
<212> DNA
<213> Homo sapiens

<400> 23180
caaatacaat attataacst tatgctacca ctatcatatt atgtggcctg ttattgacag 60
atacattggt attctgttca tgactgtatt agtaccaggc tgtggctgtw tctaatatat 120
cctctcccac tctctcatt ccttactgaa gtcaccaggc tagtagcaat cactggaacc 180
agacctataa tatatctgac ttggtatctg taactgttct gagaaacatg tgttgaaagg 240
cagccaggct gcctgatgt 259

<210> 23181
<211> 413
<212> DNA
<213> Homo sapiens

<400> 23181

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gaagattcag	aaatgagtct	agttgaaggc	agcaattcag	agaagaagat	tcagttgtta	120
tcattgccgt	cctgcttggt	ttatggcctg	gttcaggacc	aaggagagaa	gtgtgaatac	180
atgcctcttg	agctatagaa	tgagacgctg	gagtcactaa	gatgattttt	taaaagtatt	240
gttttataaa	caaaaataag	attgtgacaa	gggattccac	cattaatggt	ttcatgcctg	300
tgcttkaatc	tgactgggta	tggtgagaat	tgtgcttgca	gctttaaggt	aagaatttta	360
ccatcttaat	atgttaagaa	gtgccatttc	agtctctcat	ctctactcca	act	413

<210> 23182

<211> 440

<212> DNA

<213> Homo sapiens

<400> 23182

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acaccgggag	ttactgcctc	tttctcatcc	cgagtcctcc	tgactttccc	cagcacccat	120
cgtggctgca	gcyaggacac	aggagctggg	agatgggaac	atcactagac	cacgagccgg	180
aattgctgca	ggaggattcc	cacactctgg	gcctccgtgg	gcaccasagg	actggacgtg	240
cgaccccgag	tctctgggtc	tcagtttcgt	ctcctgcaga	gcctctkagc	tagaccgtct	300
ctaaaatttc	atcaagctcc	tgtattccat	tctattctga	gatgcccaat	tcttatgcct	360
gctaaaaacc	acagtgagaa	ataataacct	atgtccacat	ttttgtttcc	taggagaaat	420
atcaacatgc	gtctgccagc					440

<210> 23183

<211> 164

<212> DNA

<213> Homo sapiens

<400> 23183

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ttatttttgct	cttagttcct	tcagtgaaga	acgtaattga	agcttcaaag	tgtttataaa	120
ataggggaagt	aattaactgc	ttttcattcc	taaccctgga	acac		164

<210> 23184

<211> 410

<212> DNA

<213> Homo sapiens

<400> 23184

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cctagccctc	ttctgcttaa	tatgatccat	tattgaatct	tctcagatta	aaatccattc	120
ctatatcatc	tacctttccc	aaagtgtgtg	cctgtaaacc	taccttggaa	gtggcaagtt	180
aactgatttt	tttgtgtcat	ttttatacca	atccttaagg	tcaaagcctt	ttgctatcaa	240
tgtattttaa	ctgagttgct	atatgttcac	ttaatttggt	ttcaaaatgt	tttgctccaa	300
cttaaattat	cttttaacat	cttttgagtg	ccaagaattg	ctaagtaact	gtaatatggt	360
gaagagagta	attgccaaagc	aagcagtcac	aaagccaaaa	tgtaatgagc		410

<210> 23185

<211> 71

<212> DNA

<213> Homo sapiens

<400> 23185

atttttggct	ccgcagtcgc	gggctgctcg	ctgcttgctg	cgcgctcaca	cacacacaga	60
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cacacacgca c

71

<210> 23186

<211> 408

<212> DNA

<213> Homo sapiens

<400> 23186

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ccagtgatgc	agtcgtagag	gtcagccttc	caggcacaaa	gcaaagtgga	ggacagaaac	120
cagcaccaga	tgagatgttc	tcctggaagc	tttgggaaa	gccatctcag	tcccatagag	180
actggagact	ttaggaagag	agagccccc	gtcttgga	aacaattcct	aataggagag	240
acaccagttc	ctgttcataa	gaggtaccaa	gttgggcgtc	cttggaccca	gacataagct	300
ggggagccag	agaaacctgg	atggaacagg	gaccctaaga	agtggctgaa	taaccaccag	360
gagagagggg	gtrgcttcct	gaacaggagc	tgacctgcaa	gaccggat		408

<210> 23187

<211> 282

<212> DNA

<213> Homo sapiens

<400> 23187

aacaaaaatc	tgacaaggac	tcctaaggac	caacagctct	cayyttgtgt	ggcatgctct	60
gtctataccc	tcagcaccac	tgactgggca	aagcaacgtg	ttccagaagg	ctccccgc	120
gcagacagtg	gggtccatgg	ggtggctcct	ccaaactgca	tcaggggaatc	aggaagggac	180
tggcctggag	ccaaggggaa	agggatgatt	gtcctgtctg	tcaccactta	aagagaagga	240
agagaacacg	ttataggaca	ttttctcagc	actgacccaa	cc		282

<210> 23188

<211> 425

<212> DNA

<213> Homo sapiens

<400> 23188

gtgaaaaata	ccacgacaaa	accaccctag	ttctccaaaa	tacttatcat	tcaggttgaa	60
taaaccagtt	ctacagactg	cttcttccat	gcatttccca	atgatgctaa	ctgcccttaa	120
aattctttca	gatttggaac	tgtatctgta	tggaaacaac	agagttttct	tgaagtacaa	180
ctaaggacag	gtcaccacta	ggcactaaca	tcgctgactt	gcatgattat	ggagatggtc	240
tatctgatgc	tgaaaatgtc	tctagttttt	tgacaacggc	taaataacca	tgggatcaag	300
tggccttggg	aaagcagcaa	cattagatga	actgctgtgc	acttgcatg	agatgtttga	360
tgacaatgga	gagctggata	atagttat	gccagaata	gttctactga	tgcaccgatg	420
gtatt						425

<210> 23189

<211> 199

<212> DNA

<213> Homo sapiens

<400> 23189

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actgtgggag	ggccaggggtg	ggccagtcac	ttgaggctag	gaggtcaaga	ccagcctggc	120
caacatggca	aaactccatc	tctactaaaa	atacaaaaat	tagcagctca	tgggtcccga	180
tgctgtaat	tccagcaat					199

<210> 23190
 <211> 417
 <212> DNA
 <213> Homo sapiens

<400> 23190
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 gctgacttga tttatccctc agcaccctc ccctcagaaa cccagacatg tgtacctggc 120
 ttactcatgg gaaggcctgc ggtgcaccaa ctgctaactg gcatgtgcgc aggcccaagt 180
 gcatgcacac cctcacacgt gtgcacacat gaacacatat atgtgtacag gtgcagcctt 240
 taacagcata caccatgtg catggcacat gtgcacatct gtaaattgcac acacatgcac 300
 acagtacata caccacata cacgtgcaca tcacctatgt gcacacagt catgcctata 360
 gacgtgcaca cgcatatatg cttgtgtaca tgtrtatatg ttatacacat ggacaca 417

<210> 23191
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 23191
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 tgagactttg tctctacaaa trattaagaa accagctggg cgtgggtggca tgcacctgtg 180
 gtcccagctg ctctggatgc tgaggcggga ggatcgccctg agcccgggag gtagaggcta 240
 cagtgaacca tgatcacgtc actgtgttcc accctgggta aaggagttag accttgtctc 300
 aaataaataa ataaataaat aaataaataa gaagaagaag tataaatagg aatgat 356

<210> 23192
 <211> 230
 <212> DNA
 <213> Homo sapiens

<400> 23192
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 ctcttttttc cccaaggaat acctttctgt aactctcatc tctccaaagt cctggaaatc 120
 tacctcgatg aaggatgaag agaaagaaga cgggaatcac atcaggcatt tagaacatag 180
 cccataatta accactcatt ttgcccttct ggcattgtgc acacacccaa 230

<210> 23193
 <211> 310
 <212> DNA
 <213> Homo sapiens

<400> 23193
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 ttgaaattgg ccttgtaatt aattcttctc tgctgtggta gctctctgat gctttcaaaa 180
 atatgttttt aacctttcat caaggttttc tagttgatct ctccagaaaag ctcaatctaa 240
 acaacctagt cagtcattaa caggaataaa aacctgattt atactttaat aaaatctcta 300
 actgcaagct 310

<210> 23194
 <211> 430
 <212> DNA

<213> Homo sapiens

<400> 23194

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agcatttaaa	aactcatgta	atcattcatc	ctatcaatca	ataaatatta	attacatttc	180
aggcagtgtg	cttagatgct	ggggtttttag	ccataagcaa	ggcagacatg	gttattgccc	240
tacagcttat	aaaatctagc	tacagcaaca	tttaaaaacc	accatcatta	tcatcatcat	300
catcatcctt	atcatcatca	tcccagctaa	cacgtattga	gaacttcctc	cgtaccagcc	360
actattctag	catttttacac	acattaattc	attccatcat	catagcaagt	tgtaaatagg	420
taataatatt						430

<210> 23195

<211> 488

<212> DNA

<213> Homo sapiens

<400> 23195

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gtcatttctt	tctttttgtt	acttgattgc	tgtggcaagg	atttgtaata	ctgtgttgaa	180
aagaagtggc	gaaasarrca	tccttgcttt	tgtactgat	actagaggaa	atccttttag	240
tgtttaacct	ttgagaataa	tgtttgktt	gagtttttca	tttatagctt	ttactatggt	300
gaktgtgatt	tcatctattc	ctaatttgat	gaatgttgaa	ttttttattc	cttartcttt	360
gtcttgcttt	ggtaaagagg	gtaatgctgg	ccccataaaa	tgtgttgggg	agwrtttcct	420
ccktgaattt	cttagaaaaa	tttgaaaaca	cttgtkattt	gttatataag	tattatttga	480
tggaatt						488

<210> 23196

<211> 98

<212> DNA

<213> Homo sapiens

<400> 23196

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gaggccaggg	ttgggggatt	tcttgagccc	aggagttt			98

<210> 23197

<211> 98

<212> DNA

<213> Homo sapiens

<400> 23197

aatacaatgc	agatgctaca	taaagtgtcg	tgatactgga	ttcttttaggg	aataatgaca	60
agaacaaact	ctgcacatgt	tcaatagaaa	cataaccg			98

<210> 23198

<211> 267

<212> DNA

<213> Homo sapiens

<400> 23198

cgttcataat	tatagtaagc	aaaggcaagg	cgtatgttat	ctcattaata	cttcacagta	60
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aaaaggtact	agcttaaggt	cataaagttt	caaatgcagg	actgagtgag	taataattga	180
atccttgaag	tcatccacag	taataccctc	cttttcagta	tacctatctc	cagatggggc	240
taaaagcagt	ttaaactatc	tgaggga				267

<210> 23199
 <211> 463
 <212> DNA
 <213> Homo sapiens

<400> 23199	
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ccggccacgc ggggtggaggt gtccgtgtcc tgcagctcct ggtgggtgct gctagcatgc	180
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aattttgtgtc ttatatgtac aaggagttgg aaataaagaa tggagagagt ttggaagaac	360
tgaagtaatt gataatactt taaatcctga ttttgtaaga aagttttattc tggactactt	420
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<210> 23200
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 23200	
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tccgaagtgt caaagtcatg atgtcaaaga gagaggggag acctgattcc tgctccagga	120
cacctcagag acaggacaac taaatgaaaa taacaggccg ac	162

<210> 23201
 <211> 414
 <212> DNA
 <213> Homo sapiens

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ccttgctagg ttcttcacgt tttctttatt ttggaaaaga taagtgttg acttttaaat	120
gctatatata tattttttta atttccaaag tgctttattt gcatatgtga atttattaca	180
ttttcactag atattaacga tctctgaaag tgcatacaga cagccctcac tttgcacagt	240
agtggattgt taaagtggca gtgcaaatta aaactgtgta aacaaatcat ttgaaaactt	300
acaattgttc tgtgacattt aaaattcgta tcaaagcatt aaaacattta ttcctcttag	360
aatgtgttag aaagataaar racaaatatg tatttaatac tctaaaacat taga	414

<210> 23202
 <211> 185
 <212> DNA
 <213> Homo sapiens

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cagtgatgcg tgataacatg tgcaaaggat tcccaaccaa ggaagctctt tcaatctttg	120
gtgtctagca cggcatgcag tgcccatatg actgaactca gctactcaga cccagaccc	180
ccaga	185

<210> 23203
<211> 462
<212> DNA
<213> Homo sapiens

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aggttcatgc catttgtaaa accctctttg ttgtcttttt attggaattt tgagagggag 180
ttaaatgtct gtttttaatc taccatcttt aaacaaaaat tccagctatt taatttcagc 240
atgaagaatt gcattaaaaa cagagcagtg aatcatttta tgaataataa tgctggattt 300
tattttttaa aattatccta gcctaarwtg tttaggatca tcatagcatt aagagagatt 360
tatatttggg aagaratcaa aaacatcgtc agttttcatg cttaaagtat ttaggatcat 420
aatagcatta agaaagattt atatttggtg aavatcaaaa ac 462

<210> 23204
<211> 138
<212> DNA
<213> Homo sapiens

<400> 23204
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gtatagatca caaggggggg atgttaaagt ttaatctaaa atatagctaa aaaaagattt 120
tgacataaaa gagccgca 138

<210> 23205
<211> 256
<212> DNA
<213> Homo sapiens

<400> 23205
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ccatgactgt ctatgtaaat ggcccttgga tgctttcagt gttttggagt ggtttatgat 120
taactgggtc tatctccctt gtogaacctt taggtaattt aggcgcattt ggagtacctg 180
gtctctagct gcctggactg cccattgtct gttggcaage ctcttgaggt gttgttttca 240
ctgctagaca cgcccc 256

<210> 23206
<211> 191
<212> DNA
<213> Homo sapiens

<400> 23206
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caattcagtg gtatcaaata cattcacagt gttatgcagc catcaccact attcattttc 120
agaacttctt catcatccca aacagaaagt ctatacccat taaataactc cttattttct 180
gtcccccaag a 191

<210> 23207
<211> 137
<212> DNA
<213> Homo sapiens

<400> 23207

<212> DNA

<213> Homo sapiens

<400> 23212

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aaatattatc	tagaatattg	cttgctaata	attagatgaa	ggcacaccct	ggaggnatat	180
gaagtgtctg	atgtctccac	tgtgtcgtat	tgctgttaat	aggatagcat	atgcacatcg	240
tgaagaaaga	acagacatgg	cttcgaaaaa	acaaattgat	ccatataata	tagtactttt	300
acaacctaca	tgtatatatg	gctatatgca	tttctcttta	gaaatgctgg	gttctacatt	360
ttaagctaca	gagatgctgt	gcaaagaaaa	tgagagtgat	ttgtgtgaag	cctaaacaaa	420
ggaaatttca	gaaacatttc	tagtcctaata	tattatatca	tgcataattg	tgaacttacc	480
tgagattcag	a					491

<210> 23213

<211> 339

<212> DNA

<213> Homo sapiens

<400> 23213

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ggctgggagc	agtggcttac	atttgtaata	ccagcacttt	gcggggctga	ggccggagga	180
ctgcttgagt	ccaggagttt	gagaccagcc	tgggcaacac	agtgagaccc	catctctaca	240
aaaaattaaa	aattagttac	acgggtggctt	gactgtgcat	gactggagac	agtgcgaggt	300
cgccgagtc	ataagcagca	agaagggcac	acagaagaa			339

<210> 23214

<211> 107

<212> DNA

<213> Homo sapiens

<400> 23214

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<210> 23215

<211> 254

<212> DNA

<213> Homo sapiens

<400> 23215

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gcagcaactt	cagatgccgg	agtgtgagcc	ctgctgttca	tcgccaacgt	aatcttagtg	180
gaagcaccct	ctatccagta	tctaatatcc	cacgatctaa	tgtgaccccc	tttgggaagtc	240
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<210> 23216

<211> 242

<212> DNA

<213> Homo sapiens

<400> 23216

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tttttaaaaa	actattattc	tcgatgcttg	tttaaggagg	aaaaaaacct	ttgggtgcttc	180
tggtgtgaat	gtgaaacatt	attttccagc	tgtacagtga	cacatttttt	tttaaggagaa	240
aa						242

<210> 23217
 <211> 191
 <212> DNA
 <213> Homo sapiens

<400> 23217						
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agttgtgcaa	atttacattc	caacaagcaa	tgtataattg	ttcccttttc	tgtgcatcct	120
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<210> 23218
 <211> 329
 <212> DNA
 <213> Homo sapiens

<400> 23218						
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aattatagca	acagcctcct	tattagtctc	cctgtttttt	attttttattc	ctttctacac	120
tacaaccaa	ttgctccaaa	agacttactg	atcatgtcac	tgcatgtgct	tcaccattgc	180
tcttagggta	caatacaaat	ttatcttcat	ctttaaggtc	tcagtatgcc	acttcatcta	240
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tgttctttcc	cagacataca	cttggcact				329

<210> 23219
 <211> 124
 <212> DNA
 <213> Homo sapiens

<400> 23219						
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ggcaaccaag	gtgagagtag	aattttaacc	tggtgttact	gggtgtttat	aaagtagagg	120
gcac						124

<210> 23220
 <211> 371
 <212> DNA
 <213> Homo sapiens

<400> 23220						
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tactgttcat	gaacatttag	ttcagttttg	ggcaaaagga	agcatgcctg	acacactggc	180
tattgcagga	tctggccagc	agcccgcaat	gcaacggggc	tctctgttcc	caggcggatt	240
ggcaggttga	gaaataatag	acacacacaa	gatagtga	gctgggtcca	ggggtgtcac	300
cgccttctg	ttccacgggt	ccaacaatgc	actggatata	ccagcattta	ttattaagtt	360
tagcggggcg	g					371

<210> 23221
<211> 90
<212> DNA
<213> Homo sapiens

<400> 23221
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tcgagatccc ccacccctca ccccagtcaa 90

<210> 23222
<211> 262
<212> DNA
<213> Homo sapiens

<400> 23222
ahatgtgtgt gtgcggtgtt atgccggaca agagggaggt gaccgtsgcg gcggcggcgg 60
cggtctgtt tattgtccct ctcggtgtgt gtgtgtgagg aaatcggggc tgcagcgagg 120
ctaaggctgc ctttgaagca gcggcggcga ccgggacgac tactctggcg actcgagtgg 180
ctggccttcg cggagtgtga gaaggacaag gcacctctgc gtccctcgcca cgtccgagcg 240
cctcgggctc cccgaccgcc cc 262

<210> 23223
<211> 136
<212> DNA
<213> Homo sapiens

<400> 23223
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accgagcccc ggaatgatct accgagacca ccaggccaaa gaacgccact cccaagagag 120
aagagacaaa ggacaa 136

<210> 23224
<211> 184
<212> DNA
<213> Homo sapiens

<400> 23224
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ctgtgggttaa atattatgaa atagaataga atgacagcct aacaaatcaa ttcagtgtcaa 120
catatgaata tacacathtt gtgtttcaaa gttcaaacac ccaaggaata tgtctcagac 180
ctgg 184

<210> 23225
<211> 449
<212> DNA
<213> Homo sapiens

<400> 23225
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tcctttccat tgtagaaaac tgtcctcaag gaaataactt ctcagtgttc catctgctat 120
tctactactc ctcaaggatt attcaggccc cctcccttcc ctacacatca agcttaagga 180
tttgccccca cccaggactg gcaaatttagc tttrstcaac atgccctgag tcacaaaaac 240
taaaatacct cttagtctaa gtagacactt tcactagata ggtagaggcc tttcctacag 300
ggtctgagaa ggccaccaca gacatttctt cccttctgtc agacataatt cctcagttta 360

gccttccac ctctatacag tctgataaca gaccagcctt tattagtcaa atcagccaag 420
cagtttttca gactcttagt attcagtga 449

<210> 23226
<211> 288
<212> DNA
<213> Homo sapiens

<400> 23226
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ttacataatt ttagctgctt aatatgctgc tgaagataaa tgcagtaaat atcccaaggt 180
caagatttga aatccaaatg tccatagtaa tgattaacag gaaaagagag tcctctgtta 240
actttatttc tcaatttttt acaggtttgg ataattaagg gagcaaca 288

<210> 23227
<211> 250
<212> DNA
<213> Homo sapiens

<400> 23227
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ttttgagctg tccttatccc tccccttggt tcttttcttt tctttttttt tttgagamag 120
ggctcactc tgtsgccag gctggagtgc agtratgtgg tcttggtca ctgmaacctc 180
cgttcaaagc attctcctgc ctmaacctcc taagtagctg ggagtagcagg maggcacmac 240
maytgytggs 250

<210> 23228
<211> 168
<212> DNA
<213> Homo sapiens

<400> 23228
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ggagaagaga tgactgagcc cgatgaagca ataggccctg ggtggttgag agaaatatgg 120
gccacagaca ggcagggtacc ttcccttggc caaggaagca aggagaag 168

<210> 23229
<211> 111
<212> DNA
<213> Homo sapiens

<400> 23229
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tgtggctttc ctgctccaa gcttgcttgc cttttgtttt agcagctgcc a 111

<210> 23230
<211> 417
<212> DNA
<213> Homo sapiens

<400> 23230
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gcacctaata agactctttt caaaaaatca cagaaacaac ctaggacaat tatttggttac 120

ataatccgac	ctcatagcag	cattacattc	tttgccgtga	taaacattcc	actcctgctt	180
tcctaaggat	gaaacagtga	taatgtgaac	tcaaataagg	tttcctgggt	aatgtgacac	240
ctgcagaaac	tatatagcgt	catttatacg	tagtttggca	gaaaccactt	acggctgatg	300
atgcgcaacc	ctgctgactg	tttcagttaa	tatgctgcac	accacacact	tgtttagtga	360
accaaatacta	gaaagtacca	aggcagaggt	atgctcctgc	tgtaatcagg	caaatga	417

<210> 23231
 <211> 372
 <212> DNA
 <213> Homo sapiens

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aacaagaagg	accaccgtgg	gagatctgtg	tgtgatccca	ggaaaacaaa	cttcatcaag	120
aaaacaagtt	tctgcttttc	ttttcttttc	tkttcttttc	cttttttttt	gacagagtct	180
ctgtagccca	ggctggagtg	cagtgggtgcg	atateggctc	actacaacct	ccatctccsg	240
ggctcaagca	attcttgtgc	yticagcytc	cgagmagctg	ggattacagg	catgcacmac	300
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<210> 23232
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 <212> DNA
 <213> Homo sapiens

<400> 23232						
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tctgggaata	acctggctgt	gggcttaaaa	atcgtagtca	ttcattatca	cgggctttct	120
ctctctcgaa	tacctttaac	atztatcgcc	ttgttagtct	ccacatccac	ctccgtgaaa	180
gagatggagt	ctcgctatat	ttcccagctc	ggcctcaaac	tcctgatctt	aagggatccc	240
cagctcaacc	tctcccagca	gctgggacta	ccgggctcg			279

<210> 23233
 <211> 228
 <212> DNA
 <213> Homo sapiens

<400> 23233						
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cagaaagggt	tttgacacata	ctttatacaa	aatacagaat	actttatatt	ggaagtgaaa	180
gaaatgaacg	tggactttta	cacatgtgca	tatttttctg	gaggcttc		228

<210> 23234
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 <212> DNA
 <213> Homo sapiens

<400> 23234						
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ctgctaagaa	cagcagaggc	ttgattatat	ttattgggtg	tagatgacta	gggactaaaa	120
tagatgattc	ctcagtgtaa	aagtaggcag	ataattctat	tacctaattt	tctctttcaa	180
cagtcaggaa	actttcagtg	aatttgggtc	ctgtagggta	vctcccaatt	tccttctccc	240
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<212> DNA
<213> Homo sapiens
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<213> Homo sapiens
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<211> 169
<212> DNA
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<210> 23240

<211> 85
<212> DNA
<213> Homo sapiens

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atttggtgaa tattctacac tagca 85

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<212> DNA
<213> Homo sapiens

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<210> 23242
<211> 220
<212> DNA
<213> Homo sapiens

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attggagtta atgagaccaa acgatcaaaa ctagtgtgat gtgttcagat agtacatgat 180
gtaggaagat chgctataaa actatcactt caaagtggts 220

<210> 23243
<211> 307
<212> DNA
<213> Homo sapiens

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tgtttgcatt agtgtcaggg ctttgtccag ttatcttcat atgactgttc tctgagaaaa 120
ggtcttacta cctgatatca agtacatatc ttaatttttg atgaattttt ccacagttaa 180
gccgaacagt attctttttt gaaaatttagc aattataaag attgttttaa atatcttgat 240
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atgagca 307

<210> 23244
<211> 116
<212> DNA
<213> Homo sapiens

<400> 23244
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tggagcttcc caggaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaa 116

<210> 23245

<211> 158
<212> DNA
<213> Homo sapiens

<400> 23245
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sgtctgtttg tagttttatt actagatgat ttttcgggtt gtccttaaca ccccttctg 120
aggttccctt caccctctc tcttgcttc ctccccca 158

<210> 23246
<211> 201
<212> DNA
<213> Homo sapiens

<400> 23246
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cctctaactc caccagagg catattttat gaggtccctg aagctcaata aaaattactg 120
aaaatctgtg aggagaatgt gtttggggag gaagtatttc ctaacaaaga aatgcattgc 180
ttatgtacta gaaggccctg c 201

<210> 23247
<211> 191
<212> DNA
<213> Homo sapiens

<400> 23247
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ataattctgt attacttgaa tcatggaaac atttagtaga ttaaaaaaca ttttaaagga 120
agaatgagaa taatcagcct tttaccagca aagacaatgg tgggagacct gctagcctat 180
cttctgggaa g 191

<210> 23248
<211> 99
<212> DNA
<213> Homo sapiens

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caaaataaat tattattttg tgatttgtcc acccgtgac 99

<210> 23249
<211> 203
<212> DNA
<213> Homo sapiens

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tttctttttc tttctttctt tcttctttc ttttgagatg gagtctcgct ctgttgccca 120
ggctggagta cagtggcgtg atctcagctc accacaacct ccacctccca ggttcaagca 180
atttctctgc ctcagcctcc caa 203

<210> 23250
<211> 133
<212> DNA

<213> Homo sapiens

<400> 23250

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ccgagcccgg	cca					133

<210> 23251

<211> 410

<212> DNA

<213> Homo sapiens

<400> 23251

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gtaccttact	agcaaggtag	atcctgactt	caaggacaag	gcatcaatgg	aattaatcca	180
gaaaaagcgt	tcttgtccag	acgttgtaca	accaawwgat	cagcagctgt	gtttatcttt	240
tcccgttaag	tctcaggtgt	tagcagtttt	ataggtaaga	gctcgcctga	tcataaacac	300
agctgcacct	gcacaaaaca	ggacagttag	cttagccctg	cgtgccttca	atcctggggc	360
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<211> 440

<212> DNA

<213> Homo sapiens

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cctttttgaga	aaaaatattt	aaaaacaaat	tggctatgta	acaaatttgt	gtgtgtgtgt	180
gtatatatat	atgtatatgc	ttatatatat	atatatgtat	atgcttgaga	aagtggtttt	240
tcaagatgta	tgtgtacagt	acacacatgg	acacgcttca	gtcctctgac	ttcccatgtg	300
ctacgctcat	gtgtktctct	tctcatgagg	atttgcaatg	gatagtgtga	caacctgggg	360
actgtcagtg	actcattggg	atcagcatat	gctaaagaag	ctcttgaact	ccratcttga	420
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<210> 23253

<211> 174

<212> DNA

<213> Homo sapiens

<400> 23253

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ttactttctag	ctattgtttg	ctatgtcaga	gataccagat	accttagcca	agaatgggtta	120
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<210> 23254

<211> 56

<212> DNA

<213> Homo sapiens

<400> 23254

atgggttaaa	ttcctcattt	tactttttaa	ctgggtgtaa	agtggaaatt	gcaaaa	56
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<210> 23255
<211> 405
<212> DNA
<213> Homo sapiens

<400> 23255
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cagtttccta gattttactt gcttttgatg accttggcag ttttgggagt actaatcagg 180
tgtttttagt aatgccttac tcagttgaga ttgttttcc cataattaga ctgaggttat 240
gggctttggg gaggaatatc acagagataa agtgccataw tttttcacat catatcaaag 300
atacacacca ttaatctgtc ttaccactgt tggtagtgac cttgatcact tggvaaatag 360
ttgcattttt gaactcaatt aagttgtaga tttcatgctc ttaac 405

<210> 23256
<211> 213
<212> DNA
<213> Homo sapiens

<400> 23256
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tgctcctgtg ttgagtgcac atatataatt aggatagtta gctctccttg ttgtgttgat 120
ccctttacca ttacgtaatg gccttctttc tcttttttga tctttgttgg tttaaagtct 180
gttttatcag agactagcat tgccaccccg gat 213

<210> 23257
<211> 438
<212> DNA
<213> Homo sapiens

<400> 23257
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caggttgggt ggctccacct tgcagggagg tcaggaggag gtatgggatg agtgctgggt 120
gacacaggca agggtaaaat tctaaggga gaaattgcgt taggcacaga aggcctaact 180
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tttacaaata tttacgtttg tctttcataa tagccttcta ttgctgactg gaccaaagcc 360
aaactcagcc tccctccctg acctttctgc atgatgtcac cctttctagc atctaccac 420
ggcactctcg tgttggt 438

<210> 23258
<211> 478
<212> DNA
<213> Homo sapiens

<400> 23258
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ctcactgtag cctctgcctc ctgggttcaa gtgcttctcc tgccctagcc tcccagtag 180
ctgggactac aggtgcacgc caccacgcct gtagtcccag ctgtattgta aaaatacaaa 240
atthkagtat ttttagtaga gacagggttt caccatgttg gccaggatgg tctcgatctc 300
ctgacctcgt gatctgcctg cctcggcctc ccaaagtgcc gggattacag gtgtgagcca 360
ccgcgccttg ccaagaagag ttcttttgca taccctttac tcaggctcctc tcatgttaac 420
gttttacata actgtagaac atthtctaa agtaagatat cagcccagga ggctgttt 478

<210> 23259
<211> 349
<212> DNA
<213> Homo sapiens

<400> 23259
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gcgattcgcg tccgagctca gacgagctcc ctggagacac caactgtgnw ycatgtcagg 180
ttcagtgaat atgagattat cattgaagat gactacaaag aaaganaaaa gtatgaaccc 240
aaactcaagc agttttaccaa aattttaaga aggaaaagac ttttacccaa gcgctgcaat 300
aaaaaaaaawa gcaatghcaa tggaccagta tcattctaaa gcatcagtc 349

<210> 23260
<211> 274
<212> DNA
<213> Homo sapiens

<400> 23260
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cacgcccagc tgatttttgt attttttagta gagacggggg ttcacccatgt tgcccaggat 120
gggtctcgatc tcctcacctc gtgatccgcc cgctctcgcc tcccaaagtg ctgggattac 180
aggcatgagc caccgcgccc ggcccgaatc atctgttttt aaacaatcgt ttttgagcag 240
atagctattc attccagatt ttcgtgtacc gctc 274

<210> 23261
<211> 147
<212> DNA
<213> Homo sapiens

<400> 23261
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ccactgcact ccagcttggg ggacagggga agtctgtstc cgcagctggg tgcagtggcc 120
ttataatcct agcacttttg gaggcca 147

<210> 23262
<211> 207
<212> DNA
<213> Homo sapiens

<400> 23262
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caaacatttc tgtgaaacta tccttctctt tcaatgtgtt taatttttga gtaacgtttt 120
ccttgtgact aagttgcaag atcttattta ttaactaggt atgaagtata aacctatttt 180
ggtgcaatat tcttgactcc ttggtgc 207

<210> 23263
<211> 454
<212> DNA
<213> Homo sapiens

<400> 23263
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cattggcgac	ctcttttgaa	aaggatgtga	ggcaaaactg	ctattcagtt	tgtgatatca	120
tgagacttgg	aagatattcc	ttctcatctc	ctctaaccag	actttcgaca	gatattttct	180
gagcaccttc	tctgcatgtc	tgcatgtctg	tgtaaaatgc	cctacctttg	catggactat	240
tctttcta	caagaggcgt	gtgtggcgaa	cttggggcag	cccctggaag	tcttgttctt	300
tgaccattac	gtctgcggct	gcakcaccag	ataatgagct	tcaccactcg	tctgcctcct	360
gtgtccttcc	gcggggagta	aatgtcactt	cagcttgccg	nanbtctaaa	taggcaaatt	420
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<210> 23264
 <211> 212
 <212> DNA
 <213> Homo sapiens

<400> 23264						
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ttcctgttaa	tctgtcatt	aaagttatta	gttcagatga	cagggataat	atacatatgg	180
aagaaatttg	cttcccccca	cacacaccag	ct			212

<210> 23265
 <211> 243
 <212> DNA
 <213> Homo sapiens

<400> 23265						
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gtatgctatt	ttagatgatt	ttaattttca	tacttttgtt	ctaaaataag	ttgtaaacta	120
attctatttta	attataaaat	gaattattaa	atctgagagt	aatgtgacat	aagcacttct	180
ctctgacaca	cccctgtaga	aaggaattag	ttaattttcca	cattcatatc	agcttgggca	240
gca						243

<210> 23266
 <211> 418
 <212> DNA
 <213> Homo sapiens

<400> 23266						
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cacactgaaa	acttagtttt	tttgttggtg	gatccatgtg	catgctagaa	tttgggacag	120
gcactatttt	cataaagtat	taaagtcaat	ttttaaaacta	agcaaaggta	cacgttgtaa	180
cgggtggggca	tctgtgaaaa	agatgtccct	ttcataatat	atgcaatata	ttccagatgt	240
tttgagagat	tacagaagag	gaggcctgct	tcacttgtag	ataagtttat	tataattctc	300
cagaaatgtg	caggatgtgc	attagcaa	tgactgtac	ttttcactcc	agcctgggtg	360
acagagcaag	actcccgtct	cgggggctta	aaaaaaaaaa	aatgctgtat	ctaaatga	418

<210> 23267
 <211> 112
 <212> DNA
 <213> Homo sapiens

<400> 23267						
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cattgcatgt	tcactttagt	atttgcaatt	tgatataatt	catggtgggt	ag	112

<210> 23268
<211> 309
<212> DNA
<213> Homo sapiens

<400> 23268
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ttttcatgct catactcata atcattatca cataatgtgc ttattcaaca aactttgtat 120
ctggatatat ttttaacaat aagtttggtta gcattattta tttatcttta gagagaaaat 180
atgtgcatct gtttaataacc ctttgaagca ttaataactta gtcactcaca ttgaaattgc 240
atatggatgt atcaacatag gctaaaatta aattatggat gtcgcagaaa tgaaatactt 300
catcttaga 309

<210> 23269
<211> 286
<212> DNA
<213> Homo sapiens

<400> 23269
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agcgtcccca aaagtgcaga ggcagcggct gcagcatcca gccagcttgg atgtctggcc 120
tgtgagcctg gggaaactat tattaataat atttactgtt gataatattg gggaaaacag 180
cccttaactc tgaggtttct gctgtgctcc tgtccaaaac agacttccag gactctgaag 240
aaacagttac aagcaggatg cttttcccaa cctctgcgca agatta 286

<210> 23270
<211> 323
<212> DNA
<213> Homo sapiens

<400> 23270
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tatcatggga agattatatt tcatgtggcc tacgattatt aaattttcta acaagtaaat 120
ctagcaacat gttagcttat tttagctatg tgacaattgt aatcccatag gttggtcaat 180
ttgcttgtaa gatttaaaaa taagctgctt tcaaaataat atcaggccgt tcatgggtggc 240
ccacaactgc aatttcagtg ctttgagggc caagataaga ggatgacttg aggccagggtg 300
ttccatccag accaggctcg gcc 323

<210> 23271
<211> 136
<212> DNA
<213> Homo sapiens

<400> 23271
cggttcttta ttgaaatggc ctttttaatg tcatctttta tttaatcaaa tagtgtcatc 60
aaaataacat ttactctatt actgaaaatt cactgcatta ttaactagt taactagaca 120
aaaaagatgg tacaag 136

<210> 23272
<211> 410
<212> DNA
<213> Homo sapiens

<400> 23272

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gacagat	atgctttata	atgcatgaaa	acaattttta	aataactagc	aattaatcac	120
agcatatcag	gaaaaagtac	acagtgaagt	ctgtttat	ttttaggct	cattatgttt	180
atgttcttta	agatgtatat	aagaacctac	ttatcatgct	gtatgtatca	ctcattccat	240
tttcatgttc	catgcatact	cgggcatcat	gctaatatgt	atccttttaa	gcactctcaa	300
ggaaacaaaa	gggcctttta	tttttataaa	ggtaaaaaaa	attccccaaa	tattttgcac	360
tgaatgtacc	aaaggtgaag	ggacattaca	atatgactaa	cagcaactcc		410

<210> 23273
 <211> 360
 <212> DNA
 <213> Homo sapiens

<400> 23273						
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aggggatgac	ctaaatcagg	agtctgagct	tttaggtgtt	ttaagggctt	gatgaaaaaa	120
atctggcgaa	gtctgtaagg	cacacaaacc	taaaacactt	catctctggt	ccgttagagg	180
aaaaaattgc	caactcccca	tctaaatctc	attaacttta	ttcccttcag	aaagtcctag	240
agtgagttgt	tttttcactc	ccaatattat	gcagtctgat	ttagtcatga	ttgaratatt	300
gagaaatgcc	tgtgtgaaaa	atgattttgc	attatctgga	aaaatttctg	agtacatccc	360

<210> 23274
 <211> 310
 <212> DNA
 <213> Homo sapiens

<400> 23274						
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aatcagggga	aggtaaaaga	agagaaggag	aagaaggaaa	ttaaagtgga	agtagagggtg	120
gaggtgaaag	aagaggagaa	tgaaattaga	gaggatgagg	aacctccaag	gaagagagga	180
agaagacgaa	aagatgacaa	aagtccacgt	ttacccaaaa	ggagaaaaaa	gcctccaatc	240
cagtatgtcc	gttgtgagat	ggaaggatgt	ggaactgtcc	ttgcccatcc	tcgctatttg	300
cagcaccaac						310

<210> 23275
 <211> 235
 <212> DNA
 <213> Homo sapiens

<400> 23275						
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atgcaagacc	tggaccggcg	gcgaggccaa	ggggaccccg	tgtggaggga	tgcgggactg	120
agtccgtgaa	catctttctc	accgggagac	tcagcagtgc	ggtksctgcc	ttagcggcct	180
gcagtgggaa	gctggagcag	cacacgggagc	ggcgtggggg	catctacagc	ccgga	235

<210> 23276
 <211> 455
 <212> DNA
 <213> Homo sapiens

<400> 23276						
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tggcattaca	agcatgagcc	actgcgcctg	gccgaagatt	gcctcttaaa	tagagaaaaa	120
acatcaaata	tcaatgagct	tgaaaatgaa	acaagacatg	aatagagttt	agaaatcagg	180

<210> 23281

<211> 139

<212> DNA

<213> Homo sapiens

<400> 23281

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attatgttga	ttttgttcaa	gttcaagatg	ttagctaaaa	gaactatggg	gggtgttttt	120
ttcccacttc	ccacaaaca					139

<210> 23282

<211> 290

<212> DNA

<213> Homo sapiens

<400> 23282

cagctgttgg	atgaaatfff	ctgtaactat	ctgatngatc	catttgggtc	atagtgcaga	60
ttaaagtcca	tgtttctttg	ttgattttct	tccaagaaag	atctgttcat	agctgaaagt	120
gcagtgttga	aatctccagc	tattacttta	ttggggccta	tctctctctt	tacctcta	180
aataatattt	gctttatata	tctagatgct	tcattgttgg	gtgtatacat	atgtttaaaa	240
ctgttatatc	ttcttgctga	attgaccgct	ttatcattat	agagtgaagt		290

<210> 23283

<211> 91

<212> DNA

<213> Homo sapiens

<400> 23283

gwagawaaa	gggtgaccgw	ctgcgcaggc	gccctcggcg	tctctctcgc	tctctcggtc	60
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<210> 23284

<211> 186

<212> DNA

<213> Homo sapiens

<400> 23284

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aaaagacatt	tacttggttg	agtactccct	aagtacctcg	ccttttgtaa	gaaacagata	120
cactcatgtt	aaggatgaag	tcaggtatga	agttaactgt	tcgggtatct	atgaacagga	180
gccgaa						186

<210> 23285

<211> 235

<212> DNA

<213> Homo sapiens

<400> 23285

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gtggaaaaaa	gactttttaca	actggctgga	agaaaggggt	gtgagggagg	agacatttct	120
gtgcagagct	gaccaaagga	aagagtaggc	atcagtgcag	tatgaatgca	tacctcacca	180
agcaacacag	ctgcagccgg	gggtccgatg	ggatggatgc	cgtcagagtg	cgccc	235

<210> 23286

<211> 106
<212> DNA
<213> Homo sapiens

<400> 23286
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caggaacccc cctcttgac cggcgactca cgtgggaaga agaatt 106

<210> 23287
<211> 353
<212> DNA
<213> Homo sapiens

<400> 23287
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gtattcattc atttaagcct catgacagct ctgcgaggaa agttcactat acgtcttcag 120
gctgcaggta gatgacctga aagggacagg aggtaacagt ctggccaaga ccacwkagcc 180
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tkctcaaccc ctggcaaagt ctcacttgaa caaagccagg tggatgataa aaggtatttg 300
ttatattagt ctctacactt ttctgtgtgc ttgaaataac tgcaacaaag aat 353

<210> 23288
<211> 259
<212> DNA
<213> Homo sapiens

<400> 23288
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aagttgccag actactcagg cattgctact aaatgtttgt caactttact tgctttgtgg 120
gaccaaattg agaagatgag ataacttctt aattgggttt tgacaagcct atttgaaaaa 180
ttaactcaca attataacaa gtgaaagata aagacaagta tgttgaaaat aagctgtagg 240
ataaattgta tectgaatt 259

<210> 23289
<211> 333
<212> DNA
<213> Homo sapiens

<400> 23289
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actgcagtgt gaagcctcag cartccctc agcagaattc cagtgggtaca aggaatgaca 120
aaagactgat tgaaggaaag aaaggggtga aagtggaaaa cagaccttc ctctcaaaac 180
tcattctcww caatgtctct gaacatgact atggtaacta cacttgctgt gcctccaaca 240
agctgggcca caccaatgcc agcatcatgc tatttggtcc aggcgccgtc agcgaggtga 300
gcaacggcac gtcgaggagg gcaggctgcg tct 333

<210> 23290
<211> 172
<212> DNA
<213> Homo sapiens

<400> 23290
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tagataatag agaaaagggc tttacttcat gcttcttgcg tcrstcaag cacacaggac 120

agacagaagc tccccacgca cccttgtgac atagtcaccc atctgccgca ac 172

<210> 23291

<211> 154

<212> DNA

<213> Homo sapiens

<400> 23291

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tatgttttagt aaaagtattg gctaattttt cttgcaacaa ttttwtcaat aaaagccatg	120
tagtagttca aggaccttga gcactgcccc cacg	154

<210> 23292

<211> 284

<212> DNA

<213> Homo sapiens

<400> 23292

aaggaagaca aaggacccct gccttgggga acttattatc agtgtggaga cccagcaaac	60
atgcagaaat gttcatttcc ctttttaaga aaggatttat tgagattata taacatatata	120
ttcacccatt taaaatgtac aattcaaagg ctttttagtat attcataaaa ttggacaacc	180
atcagcatta tccattttca aatcttttta tcaccccaaa aagaaacctc acatccctta	240
gctgtcactt acaaacactg tatatctccc agcccttggc ctaa	284

<210> 23293

<211> 393

<212> DNA

<213> Homo sapiens

<400> 23293

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gaatctaaat gttgtctctg gagacaagaa gccttcagta tgttaaatta ctttcattat	120
gtattttcag atgcttattg attccacagt aggaagagtg agagactgca gcagcctcta	180
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catattttca ttaaggtcat tttcgaagag atgtttatga cctctctccc ccagtcctct	300
actaacaagt gaacaaaatg aatcaatcca aactggaaat gcttcaacta catcaagaat	360
ttatcaaatac tttagcagag ggccaatagc agc	393

<210> 23294

<211> 190

<212> DNA

<213> Homo sapiens

<400> 23294

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gacttctaaa ttgtttcccg tttcctctg tttcaaataa tgctgtagtc aattgctttt	180
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<210> 23295

<211> 469

<212> DNA

<213> Homo sapiens

<400> 23295
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cacttggagc ttttgttttc ttgggcctag aaggcatctc ttgtttataa aaaaacactg 120
ggcatcattg tacatgagaa acttaaagac agtgcatatc tggtagcagt tgatatacag 180
tgtattattc ctaaattgtag taataacacc ttacaattgg aaaaaaatga gttatagatg 240
accaaattgct tccataaata tgatcacatt tggctcctcc atctctgtga agaattatta 300
ttcctctttt acaggtgaag aaaatgactt gtcagaagtc atttatttcc aaatatagga 360
cttctgatac caaattttgt gccttttctg tagtgccatg cttcctctcc aaagcaatag 420
ttgaatttct gcaattttta gaaaatcata tatgtcgtgt tatattaga 469

<210> 23296
<211> 216
<212> DNA
<213> Homo sapiens

<400> 23296
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gcactttggg aggctgacgc aggaggatac ttgagcccag gtgttcaaga ccagcctggg 120
caacatagtg agactccacc tctacaaaaa aaaaacccaa taaattasct gggcatggtg 180
gwatgascct gwagtcccag cwactctggt ggcraa 216

<210> 23297
<211> 127
<212> DNA
<213> Homo sapiens

<400> 23297
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<212> DNA
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<212> DNA

<213> Homo sapiens

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tgatatgaaa	gtgtatgaac	agaatgatcc	cctagtgtgt	gtatatataa	gaactgggct	180
ggacagtggg	accctgtcca	catcccaggg	tcagctcttg	tatatataaa	agagttgatt	240
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<212> DNA

<213> Homo sapiens

<400> 23301

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<212> DNA

<213> Homo sapiens

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ctaaaagata	catttgacga	ttccctcaga	tatgtaaata	aaattctaaa	tagcaagttt	180
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<212> DNA

<213> Homo sapiens

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<211> 432

<212> DNA

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ggaggaaggg	agggggagag	acagagacct	agaggggctg	aagaccaga	cagagctggc	180
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cctggatttg	ca					432

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<211> 148
<212> DNA
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tgcttttata aaaaacaaac atggggtg 148

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<211> 154
<212> DNA
<213> Homo sapiens

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<210> 23307
<211> 252
<212> DNA
<213> Homo sapiens

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atggctgcct actcagggtg ctccctgccc agcgcagacc aatcccaaca cgtcttctct 180
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<211> 206
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catctattac cttacatgga taaccttttt ttttttatag taagtatmct targgyctac 180
tgtkgtggca aattttaagc atakgt 206

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<212> DNA
<213> Homo sapiens

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atgccagctt ctacagagaag ccttctctgac tctccggtct aaagtagcag caccatctct 180
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<211> 351
<212> DNA
<213> Homo sapiens

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<210> 23311
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<212> DNA
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gcctagattt gaaataatgt tttgtacttc ggtaagatgg aaaacttagt gattcactga 180
tttcttagac actctaatat gatatgcttt ctggaaggat aaaacaaata catatgggaa 240
aaagtacttg agaccaaggc cagctt 266

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<211> 269
<212> DNA
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tcagttttatt agcatcaaat ttgatgaagc agtgcataaa tggaaacaaa acagttttatc 180
aatacaatat atcattcttc agattttgct tattttttgc agccatttat tacatttaaa 240
attttgtgca tattgtctca tttgaaaaa 269

<210> 23313
<211> 115
<212> DNA
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<211> 188
<212> DNA
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cccactgagt cagatactgt aggagtgggg ctccatcacc aacattttct ttttctttcg 180

gctgccag 188

<210> 23315
<211> 153
<212> DNA
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gaaactgcac tgcctcaac atccagcccc tac 153

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<211> 163
<212> DNA
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<400> 23317
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gtctcactgg cagcacagac aaagccttgc gggctccacg gga 163

<210> 23318
<211> 134
<212> DNA
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<211> 173
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<210> 23320
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<213> Homo sapiens

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cacggcgccc	gggatttcgg	ggacggcttc	tcccatcgca	agtttcaaca	gaaaatgaga	180
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<211> 158

<212> DNA

<213> Homo sapiens

<400> 23321

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<212> DNA

<213> Homo sapiens

<400> 23322

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ataatttata	tttttataac	tatatatttct	agctatataa	attattcagc	tgaccccccc	180
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<211> 126

<212> DNA

<213> Homo sapiens

<400> 23323

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<211> 243

<212> DNA

<213> Homo sapiens

<400> 23324

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ttaacactaa	gtgagaggaa	tgatctacac	ttcacaatga	tagaaatatt	tggagaccct	180
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<210> 23325

<211> 130

<212> DNA

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gcaagctggt						130

<213> Homo sapiens

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<213> Homo sapiens

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<213> Homo sapiens

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<213> Homo sapiens

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qcagaaggat	ccttgggtcc	aggacttcaa	gaccagcctg	ggcaacttgg	cgagaccctg	360

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attaaaatac caatgtc 137

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<211> 387
<212> DNA
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<212> DNA
<213> Homo sapiens

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<211> 290
<212> DNA
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<211> 134
<212> DNA
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gaaatcacgg cagc 134

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<212> DNA
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<212> DNA
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<211> 461
<212> DNA
<213> Homo sapiens

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<212> DNA
<213> Homo sapiens

<210> 23348
<211> 253
<212> DNA
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taaaaatcac tggattgctt tatttatattc agggcaatat ggattatttt tataccaagg 180
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<212> DNA
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cctgtgtaca actaaaaatg cactaacctt tcccctaaaa gaggatgcaa aatccttgaa 240
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<212> DNA
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<210> 23353
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<212> DNA
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<212> DNA
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<210> 23356
<211> 76
<212> DNA
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agnaaaaaaa aaaaga 76

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<212> DNA
<213> Homo sapiens

09-168

<210> 23361
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 <212> DNA
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<212> DNA
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<212> DNA
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ggtactgaac actattagaa tatcattagt gatatttttt ctcttttagag catttttaat 180
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<210> 23369
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<212> DNA
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<400> 23369
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<400> 23370
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gagtcagggg g 131

<210> 23371
<211> 134
<212> DNA
<213> Homo sapiens

<400> 23371
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gaaacagagg tcac 134

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<211> 218
<212> DNA
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gaatgacgtt agatgggtcg ttgttaaagt acttaatcat catcattatc aacggcagcg 180
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<210> 23373
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<212> DNA
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<210> 23374
<211> 421
<212> DNA
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<400> 23374
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cactgtgggg cagtgtttgc agtngtanca cgtcggggtk agtnctaggg tgattagtta 360
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<212> DNA
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gccaaagccc agcacgtcta aggcagtccc gtaggaagac cccgtgtgca cctcccagct 240
gagcgaactc taaccaactc tttctttctc tcttcccctc tctcattccg ccctccgccc 300
ac 302

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<212> DNA
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ccac 244

<210> 23378
<211> 92
<212> DNA
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<400> 23378
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<212> DNA
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gccttgactc acaccgagca catttcttgc aagtcacat ttcctgacgc tcagataaat 120
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<210> 23380
<211> 106
<212> DNA
<213> Homo sapiens

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<210> 23381
<211> 175
<212> DNA
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<400> 23381
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ascaccatgc ccggcctaga ttaaaaattt gaagacatat tctctactat gagcc 175

<210> 23382
<211> 503
<212> DNA
<213> Homo sapiens

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<210> 23384
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<210> 23385
<211> 106
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<213> Homo sapiens

<400> 23385

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<210> 23386

<211> 261

<212> DNA

<213> Homo sapiens

<400> 23386

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tggcacgac	tgggctcact	gcaatcttta	cctccctggg	ttaagtgatt	ctcctgcttc	180
ggcctcccga	gtagctggga	ctacaggcat	gcgccaccac	acctggctaa	tttttttgtg	240
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<210> 23387

<211> 430

<212> DNA

<213> Homo sapiens

<400> 23387

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gctgacctg	tattatccca	gcatacttag	gcctgagaaa	aataacctac	aagcctgcca	180
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<211> 334

<212> DNA

<213> Homo sapiens

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<210> 23389

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<212> DNA

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<211> 240

<212> DNA

<213> Homo sapiens

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tatTTTctaa	tctatatTTT	tactggaaga	tttctctttt	attctctccc	gccctcctac	180
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<210> 23391

<211> 160

<212> DNA

<213> Homo sapiens

<400> 23391

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<210> 23392

<211> 396

<212> DNA

<213> Homo sapiens

<400> 23392

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cattctggcc	aatatggtga	aacctgtctc	tgctgagaat	acagaaatca	gctgggcatg	360
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<210> 23393

<211> 220

<212> DNA

<213> Homo sapiens

<400> 23393

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ggagtatgat	ccactcaaag	cgggcagcat	tgatggcacc	gatgaagacc	cacacgaccg	180
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<211> 261

<212> DNA

<213> Homo sapiens

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 <211> 391
 <212> DNA
 <213> Homo sapiens

<400> 23399
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tgtattagtc cattctcatg ctgctataaa gaactgcctg agactgggta atttacaag 120
aaaggagggt taattgactc acagttctgt ggggctgggg acacctagaa aatttacaag 180
tatggtagaa ggggaagcaa acacatcctt cttcacatgc tggcaagaga gagaatgaga 240
accaagtga gcgngggagt cccttataaa accatcaaat cttgtgaaaa cttactcatt 300
atcatgagaa tagcatgagg gtaatcacc ccatgattca attatctccc actgggtccc 360
acccatgaca cttggggatt atggaaacta c 391

<210> 23400
<211> 110
<212> DNA
<213> Homo sapiens

<400> 23400
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tgattgacag agagagagag agakagatac cacaagtaac acaaagcatc 110

<210> 23401
<211> 109
<212> DNA
<213> Homo sapiens

<400> 23401
ataaactacg taagkrtgtc tggcagaaag gcatagttag agaagtgttt taaaatattg 60
cttaattaat ggtttccaat tggctgcctg cagatcaaag taagacgcg 109

<210> 23402
<211> 427
<212> DNA
<213> Homo sapiens

<400> 23402
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atgttaccct gtgtgagaca aaacaaaaca gtgactagaa ccctccttgt gggctaaatt 120
tgagtttgct tcttcataat gttttaaatg cttcacaaac atttttcttt ggtatattga 180
gcaaaatgaa ttgaagtata tttactgagt gatgattatt gaggaaaaac tcaaagatct 240
gctgtaagca ctagagttga aggactagcc caacagctcc tcaggcacct ttgggtatat 300
tgagttgccc ccctgactt tgaacacatc tatggtctgt gtcattctca aagagctcat 360
ggaatttgaa ttccctgggt tttgtttttg hctttgtttt ggacggagct cgctctgttg 420
ccgarac 427

<210> 23403
<211> 181
<212> DNA
<213> Homo sapiens

<400> 23403
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tgtagcaaat ctttgatact tttctctgtt tcttctatgg aagtcaattt tggaaaactg 120
tatttaccta gattttccat ttcgccaagg ttttcaaatt tatcaaaagt tatgcctagc 180
a 181

<210> 23404
<211> 306
<212> DNA
<213> Homo sapiens

<400> 23404
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ctgcaatcag tacagtgtgt cgggagccta gggaacatgt gaggaacat tgtgagatga 180
ggctgaagac atggactgga gaactttata aaccatgtta aggaatttag attttatttt 240
tgggatgata gctataaaga atttttataca tagattgata gttatacagt aactttgcaa 300
aagacc 306

<210> 23405
<211> 362
<212> DNA
<213> Homo sapiens

<400> 23405
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agaaacctgt gaaaggtgta ctgttggtttc tatgtttaaag atgaggagag tgaggcttaa 120
ggagagtaag taatctggcc aggccactta cctaagaagt ggtggagttg gactcacacc 180
caaatagtct gatctccaaa ctttgcttga ccacatcctg tagcctcttg gtttcatggc 240
atagggctgg atgctgtgtg ctttgctagt caattttagt aaagacttta gacattgttt 300
ggtagtggac tgggatcctc aggagttaat cacttttact gtttttaagt taccctcgga 360
gc 362

<210> 23406
<211> 205
<212> DNA
<213> Homo sapiens

<400> 23406
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gagtbcaaaa aaaayawagc caaaaaatat atgavggata gctgttctwc tgtgtwctct 120
cattatggac tttgtgaagt agaaacataa ttttttttcc tccaaagggtg aaaaaacaat 180
gcattcttgc tttaaaaaaa aaaaa 205

<210> 23407
<211> 114
<212> DNA
<213> Homo sapiens

<400> 23407
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aaagggttggc cgggcgcggt ggctcacgcc tgtaatccca gcactttgag aggc 114

<210> 23408
<211> 425
<212> DNA
<213> Homo sapiens

<400> 23408
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ctccgcggag	gtagccgttc	cctgacctag	ccatggcaca	gaacactgaa	aaccacgacc	120
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caaaattctc	acctgaggaa	aaaggagaga	ctctagacat	tcagagtctt	gaaacagcaa	240
tcaaaaggac	tgaagtgggg	ttaagaccac	tttactata	cctcgggaac	cacctccatc	300
tccagcagaa	gtgaagtctt	ttccaagaa	acaaagatca	aaggggaaaa	agcagaaggt	360
caagaggaca	tcattgatagg	aaggccatga	aagtcaaaac	acctttgaga	gcctgaaatc	420
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<210> 23409

<211> 229

<212> DNA

<213> Homo sapiens

<400> 23409

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ataattttat	tctaggattt	tatttttggc	ctaatatagg	aatgtttaaa	aaaggctttt	180
ctatgaaaat	tagaaattta	tacttgaaat	taaaagtcta	gaaggggtt		229

<210> 23410

<211> 374

<212> DNA

<213> Homo sapiens

<400> 23410

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tcacattctc	agtggcagag	tcattggtctg	tggcaccatt	tcaaggccaa	aaatcccac	120
caatttccct	tcacatagat	gacagaaaag	caagaaagta	gctgccttaa	ctcgaacagt	180
tctgggaaaa	aaactggggg	ccttgtcctg	aggctgtgga	gacttaattc	ttcagctggg	240
tggttcccg	agaacaagga	acacttttag	tacttcttac	tcttttaaca	ccaatggctg	300
tgggagaagg	aaaggctcaa	ggccagggct	cagctcgcag	agtccatctt	ctcccacagt	360
tgccacattt	gaga					374

<210> 23411

<211> 255

<212> DNA

<213> Homo sapiens

<400> 23411

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acttagtgaa	aattagcttt	gttgatgttt	taatagataa	tttgaaaaat	ttagaaacct	120
gtgtcttgag	gctccattt	ttgatgattt	ggtaggagac	tgacaggact	cagcacatag	180
ttgtgttcac	agctaagatt	tattacagcc	aaagggtaca	aagcaaaatc	agcgagaggc	240
aaaggcacac	cagca					255

<210> 23412

<211> 242

<212> DNA

<213> Homo sapiens

<400> 23412

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ttctattcga	atgtaggaag	aacagagttg	gacgacacag	gttcagattt	gtatatattg	120
agtttgagtt	tcctttggaa	catccaaatg	gaaatgacag	ataggcagtg	ggtccctggt	180

ctcaacatcg tgaaagaaat ttgatagtat catacacagt tgacaactga agccatggac 240
aa 242

<210> 23413
<211> 437
<212> DNA
<213> Homo sapiens

<400> 23413
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ctgacaaaacc cttgggtgggc actgctccct taggttcttc cccacctcaa tctacctgcc 120
tagagtagca gctcccagac ccagttcttg gactgaaggc taaccttca cctgctgtcc 180
cttcttaaca cccaggcccc cagagccagc tgggcctgtc cagcagccac ctgtgggtat 240
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ttcctgaagg tctcactgt ytgcataatc ctcaggccac ctccaaacc cactaggtt 360
ttataatgta tatbatatat ttttttgtgt atttttaaaa tccagctgtg aatgggttat 420
atcataaatg cagcttg 437

<210> 23414
<211> 416
<212> DNA
<213> Homo sapiens

<400> 23414
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ccagcttggg gaagggtcgt ttcaagggtg ggcttgagg agagggcagt agccgagtc 120
cctctgccct aaagaacgak wagaatcgtg ttctatgcct ggaggacaga ggcagcccg 180
gcggttcgga cagccactc tgttctgcca gtacttcggg aggttctggg gtgcatagt 240
cacttttccc aacctgccct cagcttcttg aggcagagag cagggccagg ctgctgtcat 300
gccgtttcac gatctgttta atttttgacc tacagtgccg gggttggggg cccgcctcgt 360
gggtgggcat tttggtagtc attcagccat ttgagcacca gctacgtgtc ggacac 416

<210> 23415
<211> 170
<212> DNA
<213> Homo sapiens

<400> 23415
cagttaatgt ctctagtcct tctgttaaag gtgaaaataa gcattgcgca tgtgcgcaac 60
acacacgcac acgcacacac acacacacac acacacacac acacaaatcc cagtgtcttt 120
ttatgcatgt ggtgagatga aattgtgatc tttgtgtgac ctccagctgc 170

<210> 23416
<211> 399
<212> DNA
<213> Homo sapiens

<400> 23416
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gtaaatagct cattctagaa gattggatat gaagagaagg caagakatag ggcaattacc 120
agagggggca tgtggttgag aaagasawta ttttattatg gagagtttct ggcacattga 180
catcttggtg gaatttgccc tagtaggcag agaacctcct gtagaagcag aaagggtggac 240
aaggactcaa gattgacatc ttggagcagt aggaaaagat tggmctaaga aaaaagtgga 300
caaaaattaa ccttggatag gaatagagac acctttctca ctgcaaataa ggtgaaaagg 360

gaggaataaaa ggcaatgcag gtaagcctac agtgtcagt 399

<210> 23417
<211> 445
<212> DNA
<213> Homo sapiens

<400> 23417
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ttaatattag aaatttatag gttcttccca tcttcaaata cggtaaaatt actggaaaca 120
gataccgcct tggctgtact atcatttttag agattttaca cacacaaaaa aacatattac 180
catgctttga gtaaagtatt accaggcttt aagttgatct gttctctagc tgcagttttc 240
ttctcctgga gaaagtagta aatcttccga gctcaatatt attacctcta caatgggaag 300
atttttatatt ttcaagacca ccagattagg ataagagact taatgcctac caaatcagtc 360
acattcctgt tctataacat gttagatata tagagccctg tdttatgatg ggaganacva 420
aagaattcct aatcatcttg taatt 445

<210> 23418
<211> 178
<212> DNA
<213> Homo sapiens

<400> 23418
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ccagcgggga gaggcattctg caggggctgc tgagagtaaa tacttggcgc ctccagctgc 120
tggccaagga gacagatgga gctcaagttg ggagatacgc cctgagagcc gatgatag 178

<210> 23419
<211> 296
<212> DNA
<213> Homo sapiens

<400> 23419
ctgacctctg gtgatctgcc ctcttctgtc ggcctcccaa agtgctagga ttacaggcgt 60
gachactgtg cctggcctgt actcacaata cttctgacac ccaatgtgtg ggttttccac 120
accaagtaat tcttaaatat tttgcagcca ccaaccagat gtcctagaat ttaattaaat 180
tttaccacta cccagagtta gcacaggccc wawaggtaa ragcycagtc ytgcaagmyt 240
atytacmayt tcagawatca acggcaaktg ktgggtccac atatwacca maatgc 296

<210> 23420
<211> 114
<212> DNA
<213> Homo sapiens

<400> 23420
ctcatatatc taaggaaaag gaaagctcct tttgggttact tatcatgggt tttaaagaag 60
aaagggttggc cgggcgcggg ggctcacgcc tgtaatccca gcactttgag aggc 114

<210> 23421
<211> 170
<212> DNA
<213> Homo sapiens

<400> 23421

<400> 23426
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tctccgtggg gtttagggag acgaaaggac cccagatcga cgtcccctcg ttcccacttt 120
ggggatcggc gctctggctg tttcgtgaag gagagagagg tgggtctctt ctggccccag 180
tgagtgtggt gtcctgctcc aggggtgtccc ggggcgtg 218

<210> 23427
<211> 82
<212> DNA
<213> Homo sapiens

<400> 23427
acacagtgca ggcgcccag ccgcccgcgc cagatcgggtg ccgattcctg ccctgccycg 60
accgccagcg cgaccatgtc cc 82

<210> 23428
<211> 159
<212> DNA
<213> Homo sapiens

<400> 23428
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cacagtgtcc ggcacacgca tccttttcga catcatcact tgacctgctg caatagacaa 120
gtcttgctgt gttgccagc ccggagtgc gtggcgcaa 159

<210> 23429
<211> 375
<212> DNA
<213> Homo sapiens

<400> 23429
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tcacttggag caacacagtt gaccgcgcaa ggcagcctct tcctccatag atggatgaac 120
gctgtggccg ctgctcctgc ctgggccatg ccctgatgct gccaacacca ctgctcctct 180
atttataagt cttagtagag ttgctgaccc agcaataact gaacagctga tatgtacctc 240
acactaagcc aggcgcttca tatgtatcta acttgaaaaa tgctgagcta gttaccttaa 300
caccattaac ttttacttaa aagtttgttt ttctttttta atcccagtga gctccaaaca 360
agtttttagga ggctc 375

<210> 23430
<211> 249
<212> DNA
<213> Homo sapiens

<400> 23430
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aggtttatgt ggaaattggc ttaggaaaac tttgagtagc agagtctgag gatgagtgtc 120
agagatgaaa tcaggacaga tttgttgacg tdaattcttg ccaagcaaat tagtggtaaa 180
tgtcacattg ttatgtgaat tgagcacaca tttttaaaga aagtttataa aaaattttta 240
gaaccaact 249

<210> 23431
<211> 140
<212> DNA

<213> Homo sapiens

<400> 23431

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gactttgtga	acattgaatt	ttttaattga	gacctggggc	aaggcatagt	tgtagctatt	120
tttatcctct	tccctggcac					140

<210> 23432

<211> 134

<212> DNA

<213> Homo sapiens

<400> 23432

ctaagttata	gggtacatgt	gcacattgtg	caggttagtt	acatatgtat	acatgtgcc	60
tgctgggtgcg	ctgcacccac	taatgtgtca	tctagcatta	ggtatatctc	ccaatgctat	120
ccctccccc	atat					134

<210> 23433

<211> 179

<212> DNA

<213> Homo sapiens

<400> 23433

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gctgggtgcc	ggtgctcttc	atcaccttcg	tggtcgtctg	gtcctactac	gcgtacgtgg	120
tggagctctg	cgtgtttact	atttttggaa	atgaagaaaa	tggttactt	gtccaattc	179

<210> 23434

<211> 125

<212> DNA

<213> Homo sapiens

<400> 23434

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tcagagacta	ggattgcaac	ccctgccttt	ttttgttttc	catttgcttg	gtagatcttc	120
catct						125

<210> 23435

<211> 295

<212> DNA

<213> Homo sapiens

<400> 23435

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ttaccttaat	ttaaaatttt	taaaagacca	catattgaat	tattccactt	atatgaaatg	180
tccagaattg	ggcaaatcca	tgaagacaga	aagtggattg	gtgatttcct	agggctgggg	240
aaaaggggaa	gtttgggggtg	attcctaattg	agcatgaagg	tttttggggag	gagtc	295

<210> 23436

<211> 117

<212> DNA

<213> Homo sapiens

<400> 23436
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 taggwgwcaa agagtagata ataggtacat ggwwgagggg ggrwgaaaag agggatc 117

<210> 23437
 <211> 257
 <212> DNA
 <213> Homo sapiens

<400> 23437
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 agcgcgctag cttctggaaa ttctcttttt catcattatt ctgcacagtt taccaaaact 120
 aattgcacaa taaaacctca aaattccttg ggtatcttgg gacaatttat gtggcccttc 180
 cactggaatg gaaactccca aagggaacct ttttatksac tgctatatcc tcacaaacta 240
 gaatagtgcc ctgcgaa 257

<210> 23438
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 23438
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 attgcctggg gattttttaa ttttttttgt agagtggggg cttgctctgt ttccaggctg 180
 gtcttgaact cctggcctca agcaatcctc ctgccttggg cctcccaaag tgctgggatt 240
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 tctttttttt aatgatgatt cttgccagag atttgtcagt tttattagtc ttttctttct 360
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<210> 23439
 <211> 256
 <212> DNA
 <213> Homo sapiens

<400> 23439
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 gtgctttctc atccgttata tcttatcttc acaaaacccc tgtggaagaa agcacaatta 180
 ttcccaatct gcagaggggg aaatggaggc cttcagagat tacaggacca gataccagg 240
 agtgaacca gacagc 256

<210> 23440
 <211> 275
 <212> DNA
 <213> Homo sapiens

<400> 23440
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 ctcttctact gtcataatac ttgttccttt ttgataagct cctttgtagg ccaaaagttt 120
 tatgctatgt aaacataagt aagtsaagat gcttaagtga cgaactaggt acaaatgaat 180
 aagagactac actcagatca gcagccaagt gcatcagcct ggagagcaa gcacaacagt 240
 ggcccttatt gctgagggcc tctctacagc ccata 275

<210> 23441
<211> 230
<212> DNA
<213> Homo sapiens

<400> 23441
caaggggtcat tgaatgaata tatttcatat ttccaggaaa tatgttattt gattgttcat 60
atgaaattgc attattagaa tctgagtttg agtccagtc aaaaattggg aagtgccttt 120
tctcctagaa ctgccaatga ttcaccagtg gcactgtttg gatgtggtca ttaagatgcc 180
acatgtcccc atctgtctac tcctcccagt ttaatttttt aagtggcaca 230

<210> 23442
<211> 329
<212> DNA
<213> Homo sapiens

<400> 23442
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ctgcactcca gcctgggcca cagagtgaaga cttcatctca aaaaaacccc aaaacaaaac 180
atgataccga tgtggcatca tgaattagat taaatttttt ttaagattaa gaataatcct 240
ttgtgatttt attccattgt gttgaaaaat ctataaagtg ataatttata ttgatagctt 300
tcttcttttt atgaatatac cctggtcaa 329

<210> 23443
<211> 457
<212> DNA
<213> Homo sapiens

<400> 23443
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cggttcagca gctttgtccc ttgcctcaag tttactgcag ggcttctctc ctctctgggt 120
atacagaaat gaaattataa accaccagta accttggaaa tttcaatcga ttccaaatga 180
ctaaatattt aattgaatca ttgcctatac ttccagggat gactctggcg tttgcttttt 240
attgagggct ccatgaaagc caggctctgc aatggctgct ggggactgtg tctgttgcaa 300
ggaggtccc ctgcagtga gagccggggc actgcaagtc tgtkccatag cagccctttt 360
tgcaaatggt agttgatttt tgcaagaagg ttgtggccag atcgctatgt ataatactga 420
tgaagcattt ttgtccagct ctgtctcgga agacct 457

<210> 23444
<211> 124
<212> DNA
<213> Homo sapiens

<400> 23444
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catgttatta ctacgaatac atcaaaacat ctatagaaat gcaatgttaa gaacacggaa 120
cctg 124

<210> 23445
<211> 492
<212> DNA
<213> Homo sapiens

<400> 23445
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 aataccaagg agagaaacat atgttaactt taaaaaacaa acaaaaaatg tcaatttgta 120
 tattggtatt caagtgggag cgataaacca ttaatacaca tataagggat ttcggagaaa 180
 atgttttggg agcagatttc tgtccttggc atctgtgatg gagggaggat gatttgcgag 240
 tcaactgtac tgcggtagaa acaacattgg gtttcattgt agtacatgta gtttcaaadc 300
 cgggggtctgc tattcactgt ttccatgaat ttgatagtca ctttcattcg gaaacttcat 360
 tttcacatgc ataaaaagtt gtataaatat cagtactttg tacaagaggc caattcaatg 420
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 aacatgggca tt 492

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 <213> Homo sapiens

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 gagacctccc tgcctgcct ctgttgtccc ccagagcact gcctgatcat cctctgttcc 180
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 <212> DNA
 <213> Homo sapiens

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 aatgatgcga tctcggtcca cga 143

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 <211> 353
 <212> DNA
 <213> Homo sapiens

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 gacagaagtg ataaagtccct cagcctgagc cttaagaaac cttaaagcgt tccacattct 240
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 <212> DNA
 <213> Homo sapiens

<400> 23449
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aattgtgcct	cctcacgcac	agttcagagg	tgcttgggtg	ggaagctgct	tctgctccgt	180
gtggccctag	aagactgatt	taggggagtt	ttacactcaa	ctatagatga	tttttctgag	240
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 <213> Homo sapiens

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 <212> DNA
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<210> 23452
 <211> 128
 <212> DNA
 <213> Homo sapiens

<400> 23452	
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<210> 23453
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 <212> DNA
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<210> 23454
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<212> DNA
<213> Homo sapiens

<400> 23454
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<211> 90
<212> DNA
<213> Homo sapiens

<400> 23455
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<210> 23456
<211> 191
<212> DNA
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ccaggagctt acattccgct gtggggaagc gtgtaagaaa caaaciaaagt aaccaatagc 180
cagaggaacc a 191

<210> 23457
<211> 212
<212> DNA
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aacacctcaa gttctcgag cattaaatga tggaatgata ataattgtta gttaacattt 180
ttgagtgtct actacagtct tcacagccag tw 212

<210> 23458
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<212> DNA
<213> Homo sapiens

<400> 23458
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ttattacctg tgctgtaaat atgaaaactt gcaaaatcag tgtaggaaka tgatttaagg 180
aagcaaa 187

<210> 23459
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<212> DNA
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<400> 23459
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gagaggaagg aaggacaaaa ggaaggaatg aattattctg atctctgttg actcctttat 120
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aaccctatgt tatttagtca ttgtgtacat ttttcagaag actcataatg ttggacttac 360
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<210> 23460

<211> 104

<212> DNA

<213> Homo sapiens

<400> 23460
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actttcataa atacttgctt ttgtcttttt aatcacagga atct 104

<210> 23461

<211> 225

<212> DNA

<213> Homo sapiens

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tttcagatag gaaatgtgag ctttaattaa tttgtattta taaatatcta catttctttg 180
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<210> 23462

<211> 152

<212> DNA

<213> Homo sapiens

<400> 23462
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tgaattgatt tggtgtataa atcaaagttc tggtcatagg gaccatcaac aatgttctct 120
gacctggcac ccttctgttc cccaccccca ca 152

<210> 23463

<211> 305

<212> DNA

<213> Homo sapiens

<400> 23463
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caatcagaaa aatatagagc agtaactaca caactgaagg atgcataaaa attgtacaaa 180
acgttaatag tggaatgggg aggtaggatg ggattttacg ggcaagtatt aagctcttgg 240
aaagcttcat ttgttgccct caatccacac agcagahaga aagagaaaaga gacaaacatg 300
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<210> 23464

<211> 91
<212> DNA
<213> Homo sapiens

<400> 23464
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cagtctgggc actggtcctt ccttcccccc a 91

<210> 23465
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<212> DNA
<213> Homo sapiens

<400> 23465
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atggcaaaat gatgtaaaaa gatttttcct actattctga gggctgttga aatcccaggc 120
tattgctata tctccattga caaagtggga taaaaaatgc ctttgtcaaa taattttttt 180
tctttcttta aatttttagtt atttatttta ataattgtgc ccctta 226

<210> 23466
<211> 408
<212> DNA
<213> Homo sapiens

<400> 23466
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cccagtgggg ctcttttacc agacaagtag agttgaccac cttcagctgg ggacctgaca 240
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tgaaaagcag aagtaaatga ataagaaaga accggtatctt tgaaaagcaa agtgtgagaa 360
atatatactt ggtatatatta attggggggtt gggaagaaaa aacctaga 408

<210> 23467
<211> 124
<212> DNA
<213> Homo sapiens

<400> 23467
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ataggttgag ataaggctgt gaattcccat tttttgcctg tggatatcca actgtgccag 120
caaa 124

<210> 23468
<211> 183
<212> DNA
<213> Homo sapiens

<400> 23468
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astgctatac ttgggcatcc ggcaggtcag caagccgctt gccaaccgta ttaaggaggc 180
tgc 183

<210> 23469
<211> 221
<212> DNA
<213> Homo sapiens

<400> 23469
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aacatgtatt acaagacttt gaatgtacac actctttgag tcctgttttt gtttatttta 180
tttgtggcta gtatacagtt aggcattatct ccagggctgt c 221

<210> 23470
<211> 121
<212> DNA
<213> Homo sapiens

<400> 23470
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gtcagggaat atgtacccat cggcttttaga taaataagga aacagcaggc tgaaccagaa 120
c 121

<210> 23471
<211> 165
<212> DNA
<213> Homo sapiens

<400> 23471
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agaccccatc tctaattttt tttaatacaa tagaataagc ccctc 165

<210> 23472
<211> 251
<212> DNA
<213> Homo sapiens

<400> 23472
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ggaggggtacc cgtggaggcc aagtagtagg agccttgagg ggtgggtagg tgcattggagg 180
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ggggccagga a 251

<210> 23473
<211> 307
<212> DNA
<213> Homo sapiens

<400> 23473
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tctcagatgg atcatcattt ggaaagaatg gaagaggtag cagttcaaat tccaataatg 240
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ggaccat 307

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 <212> DNA
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 gaatatattc ttcctaacaa tatttcttgt tacagccttt cacctgtaat tcatagttct 180
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<210> 23475
 <211> 98
 <212> DNA
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<400> 23475
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 <212> DNA
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 gtccttgccct cctctctccc agcgctcg 208

<210> 23477
 <211> 297
 <212> DNA
 <213> Homo sapiens

<400> 23477
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 aaaatacgaa aaattagttg ggtgtggttg ccggcacctg tggteccggc tatttgggag 180
 gctgaggcgg gagaatggct ttagcccgagg aggaggagct tgcagtgagc tgagattgtg 240
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<210> 23478
 <211> 159
 <212> DNA
 <213> Homo sapiens

<400> 23478
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 ttggaataga aaattatggt tatttaatag caggcaaga 159

<210> 23479
<211> 220
<212> DNA
<213> Homo sapiens

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aaaccttcat gactggctct ttctgacct ctagtcagaa gaaaacagga ccatattggc 180
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<210> 23480
<211> 337
<212> DNA
<213> Homo sapiens

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gtataaccag gaagaaatca aaatgtttta ccccaat 337

<210> 23481
<211> 104
<212> DNA
<213> Homo sapiens

<400> 23481
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<210> 23482
<211> 91
<212> DNA
<213> Homo sapiens

<400> 23482
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ctccattacc cttggaaatg ccaccaccg t 91

<210> 23483
<211> 220
<212> DNA
<213> Homo sapiens

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ccacctggga gaggaagcag ggctggcttt ccccaggaca ggtcattttc aggsrkgtt 180
agccaggagt ctctgaaatc atgtagcaga tgcccactcg 220

<210> 23484
<211> 63
<212> DNA
<213> Homo sapiens

<400> 23484
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cca 63

<210> 23485
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<212> DNA
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<400> 23485
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cgtaggtgtt ctggagaacg catcttgacg agctaaaagc ataagcaact gagcaaatat 120
gaattttata aactagcacg atttccttag ccaagaccag gaa 163

<210> 23486
<211> 86
<212> DNA
<213> Homo sapiens

<400> 23486
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aagtcgactg agtagtgggt gcctgg 86

<210> 23487
<211> 78
<212> DNA
<213> Homo sapiens

<400> 23487
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<211> 298
<212> DNA
<213> Homo sapiens

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<210> 23489
<211> 154
<212> DNA
<213> Homo sapiens

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<400> 23494

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aatcagtgtc	cggcacaagg	acttgctgtg	ccaacgaaaa	ggaagcgagg	cattttggct	180
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<210> 23495

<211> 372

<212> DNA

<213> Homo sapiens

<400> 23495

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<210> 23496

<211> 361

<212> DNA

<213> Homo sapiens

<400> 23496

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tgaatctgct	tttccttcc	cactgaagg	ttcgtacact	tccctgtgat	taggtgttca	300
tgatctctgt	tgatgaataa	tgttagaagt	ggagactggc	gcatgctcag	aatggaccct	360
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<211> 200

<212> DNA

<213> Homo sapiens

<400> 23497

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gttccaaagt	taatggcatt	gatttttgtt	actatggtag	tggtttataa	cctaatatct	180
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<211> 113

<212> DNA

<213> Homo sapiens

<400> 23498

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<210> 23499
 <211> 158
 <212> DNA
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<400> 23499
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 gagatttcaa gtctcttgtc accatcctca cacataac 158

<210> 23500
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 <212> DNA
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<400> 23500
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 cacttcttcc tattgtaatc gtgtgccatg gatctgatct gtacatgac cctacataag 180
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<210> 23501
 <211> 205
 <212> DNA
 <213> Homo sapiens

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 ttgaatggtg ctgctgaaga tctgagttga ctactgaaa ttttattttc ttattttttt 180
 aacattaaaa ttatttcttt ttggc 205

<210> 23502
 <211> 239
 <212> DNA
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<400> 23502
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 tttttggggg aatttatacc actttttcga tgactcttct tgtttatgct ttcacctgaa 180
 aacatacaaa ctaaatataa tctaaaaata atatttttta ttttagacaa gaacacgat 239

<210> 23503
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 <212> DNA
 <213> Homo sapiens

<400> 23503
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<210> 23504
<211> 81
<212> DNA
<213> Homo sapiens

<400> 23504
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taaccatttg tcgaagcagt c 81

<210> 23505
<211> 228
<212> DNA
<213> Homo sapiens

<400> 23505
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tgatccgccs gcctcggcct cccaaagtgc tgggattaca ggctgagcc accgcgcccg 180
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<210> 23506
<211> 167
<212> DNA
<213> Homo sapiens

<400> 23506
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tttttggtgt tgttggttta tagatatggg ggtctcacta cggtgcccag gctgggtcttg 120
atctcctgaa ctcaagtgat cctcccacct cagcctccca tccaaat 167

<210> 23507
<211> 458
<212> DNA
<213> Homo sapiens

<400> 23507
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ttccagatca tacctaagta cagtgggatt tcttagcctc tctcgattt gacccttggtg 180
ggtgcagaag aataggggct cagattttaca tgatagaaca gttcttcagt tccagtgtta 240
gattttctct taaataaatg tgtaggtgga agggaatcta aagcctcttt gatgctaccc 300
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gttccaagga tascatcmaa cattcggctg ggggcgga 458

<210> 23508
<211> 196
<212> DNA
<213> Homo sapiens

<400> 23508
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tgcttggttc ctaaatacaga ggggttagagc tgttgaaatt aaacctttat agtgcttaac 120

ctggaacaa atgtactaca gcccactga agccgctcta tgggtttttt gcttacgatg 180
ttttagcaac aggctt 196

<210> 23509
<211> 333
<212> DNA
<213> Homo sapiens

<400> 23509
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tgtttccaga gatcaaagaa ctatcagaca cagtctctgt cctgaagaat ctgattatct 180
ttatacaatg acagagttat acattgagaa acataatgaa tgggtttaaaa aaatgctaga 240
acacatttcc anagtaaagtg ctcattttta gcacagaatc ttttaaagac cttacaatca 300
aatttatatc acattagtcc atttcaacgc cca 333

<210> 23510
<211> 277
<212> DNA
<213> Homo sapiens

<400> 23510
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ttggagatgt atttgtcctg tttcttcaag ttggactgta aactccttaa aagtcaggac 120
tttgaatcct gatctcttcc catctcctgt tggggcttta cctaagaaat attttgtaac 180
tctttttctg tttttaaaag catttggtgta gtagacacat tcattatggg gcttgggtctt 240
taaataattt ttcgaaacta aaacttgagg catagaa 277

<210> 23511
<211> 205
<212> DNA
<213> Homo sapiens

<400> 23511
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tgtgtactgc gtgcatatca tgtaactaac tgagaatagg ttctgaggat acagcaatga 120
gaaataccat caaagtcctt accatcatag acatataagg gagaatagta gtcaacaaat 180
gtgcacacaa attacttagc ggtta 205

<210> 23512
<211> 260
<212> DNA
<213> Homo sapiens

<400> 23512
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caaagtgtgt tgggaaaact ggatatctac atgcaaaaaa atgaagtgg accttttcct 120
tacatcatat acaaaaatta actcagraat agatcaaata cctaaacata agagctaaar 180
stataaaact cttagaagac aacatagggg ataagcttca caacattgga tttggcagtg 240
gtttcttggga tatgaccacc 260

<210> 23513
<211> 275
<212> DNA

<213> Homo sapiens

<400> 23513

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cctctTTgtc	TTTTTaaact	gccattgctt	taacgtTTgt	tttgtctgac	ataagaatag	180
ctacccctgc	tcactTTtg	tgtccattta	catgaaatgc	ctttttccac	tcctttactt	240
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<210> 23514

<211> 177

<212> DNA

<213> Homo sapiens

<400> 23514

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tttggcgtgg	ccgccctgga	gaagactttc	gataacagca	cagtgcacca	cccaggaagc	120
atcaccatcg	gcggcasttg	ctgcagagct	ctgcgcccgt	gaacatcccc	ggctcct	177

<210> 23515

<211> 147

<212> DNA

<213> Homo sapiens

<400> 23515

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caacctggac	TTTTTTTTta	gggaagagtt	aaaggaaacc	acksrtgcta	agcaatgtgc	120
ttcaaaatat	gattcTTtg	gaaaaca				147

<210> 23516

<211> 144

<212> DNA

<213> Homo sapiens

<400> 23516

catatagatt	ggaaaagaag	gaataagacc	ccatatttgc	agattacatg	attgtgtaca	60
tagaagatcc	caaggcatcc	acaaaaaaac	tcctagaact	aataagtaag	tttagcaggg	120
ttacaagata	caagataaca	cact				144

<210> 23517

<211> 95

<212> DNA

<213> Homo sapiens

<400> 23517

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ccttcccttct	ccccctccct	tcctttccct	ccccca			95

<210> 23518

<211> 189

<212> DNA

<213> Homo sapiens

<400> 23518

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ttttacaata	cagagcccca	gtcaattcca	caatctcaat	ttcatacatg	ggaattttat	120
ttaaaaatct	gtgggttggg	gctttaatga	attggcctgt	gaaaatgagc	tctaaatttc	180
ctcccacct						189

<210> 23519
 <211> 181
 <212> DNA
 <213> Homo sapiens

<400> 23519						
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gttctgcatg	ccttaccggg	tagggcaggt	tagtggttcc	gctccgagag	tcaggaaaaa	120
agctccaaac	aagcgagact	gagagaccag	tagctggctt	tagaccagtt	ttagccgacg	180
g						181

<210> 23520
 <211> 92
 <212> DNA
 <213> Homo sapiens

<400> 23520						
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ttkgtktttt	ttgagactga	gtctmaytct	gt			92

<210> 23521
 <211> 242
 <212> DNA
 <213> Homo sapiens

<400> 23521						
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ttgcaattat	tcttgagggg	aaaaaaatct	cttggaactg	taaaaacgga	gtcactctgc	120
tggcaggatt	gcaggcatta	attccaagcc	ttttcaaggt	gattgatatt	ttggggcaag	180
agggagagct	tccaagaagt	aagtctatgt	gggcaacttt	ctgctgtacc	tgaagaagag	240
gc						242

<210> 23522
 <211> 199
 <212> DNA
 <213> Homo sapiens

<400> 23522						
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taccaatgct	taaaaagagt	ttgaagccca	caattttaat	gtcattttta	aacattaaac	120
ttttaatttt	gtgataatta	tagagttgca	tatggtttga	agaaataata	gagaaattct	180
atgtattttt	accagtgta					199

<210> 23523
 <211> 243
 <212> DNA
 <213> Homo sapiens

<400> 23523

cacatcagct	gvyytagaat	acttatgtag	atagcggttg	gggtcggggg	ggtgcggaat	60
gttccttttca	gcttcctttgc	cctgagaact	ttgatctkat	tgcaaggaag	tcccttacc	120
tcttctaccc	tagatctgat	ggacctcctg	ggatttcctg	gggcagaagc	gggccaaagct	180
gaggcgagtg	cataagaatc	tgatttcctca	gggcatcgtg	aagctggatc	acccccgc	240
cca						243

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<210> 23524
<211> 160
<212> DNA
<213> Homo sapiens
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<400> 23524
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tataattggt atattgtttg gagagagggg gaaaatatgt gtatatggtc aatgcgctat      120
tacctctaag agaattgtta ttctatatatt cacctataat                                160
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<210> 23525
<211> 260
<212> DNA
<213> Homo sapiens
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<400>	23525						
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tatagtcttc	gatttgtaat	ctatttttata	tgatgtaagt	atagctactt	ctactctttw		120
ttgttttcca	gttgcataga	ctataattttc	cccacccctt	cacttttcagt	ctatgtgtat		180
ctttgtagga	gaagtgggtt	ccttgtaggc	agcatatagt	tgggtcttat	ttctttgtcc		240
attcagccac	tttatggcctt						260

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<210> 23526
<211> 184
<212> DNA
<213> Homo sapiens
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<400>	23526							
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gtcaccagc	ctggagtgc	gtggcgcaat	ctcagctcac	tgcctcctcc	acttcccggg			120
ttcaggcgat	tctcctgcct	cggcctctgg	agtagccgag	aatgcaggca	cccaccacca			180
cgaa								184

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<210> 23527
<211> 203
<212> DNA
<213> Homo sapiens
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<400> 23527						
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aggtgatggg	ggtctgtact	agaactgtgg	cagaggcata	ggacagggga	caagtgcacat	120
tgaagtgtca	gacttggcat	agcctagtaa	gtgattggac	atggaaggca	aaacagawkg	180
qggaagcaa	ctggaaggag	cac				203

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<210> 23528
<211> 341
<212> DNA
<213> Homo sapiens
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<210> 23533
<211> 187
<212> DNA
<213> Homo sapiens

<400> 23533
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atgatgaata gctttaattg tatgtttaaa agtctcatat gttcacatgc ttaaactctgg 120
gtatcagaat ttaagcaatt cttgaaatgt attgtctcct taatatacta attacaaagc 180
atctcca 187

<210> 23534
<211> 205
<212> DNA
<213> Homo sapiens

<400> 23534
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tgtcaatgac acagttttaa gacctctata ttcacaatta tatccagagc ataattttcc 120
atggccatag tttgagccac agagaaagcc aatgaaatag attcctactt ttattttaatg 180
ccaagagttt tcactagccc cacta 205

<210> 23535
<211> 321
<212> DNA
<213> Homo sapiens

<400> 23535
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acttcagcac ggtatgagca tgccccacc ggaatgtcta aatacagcat gaaatgcaat 120
aatgcttatt totatgaaat atatgaaata ttagctgaaa ggcaaagacg actagacaga 180
ggagatgaga tgaaaggact ctctggagga aaggactctc tggcctgctc attccctctg 240
agtcacaaaa tgcaatgaaa atcagaacca tttcagtcta tgccgcactg aggatcttac 300
agagwatcac tgtcagaagc g 321

<210> 23536
<211> 471
<212> DNA
<213> Homo sapiens

<400> 23536
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ataaactatg tattgatgaa atgtatctca aaataataag agctatttat gacaaaccca 120
cagccaatat catactgaat gggcacaagc tggaggcatt ccctttgaaa accggcacia 180
gacaaggatg ccctctctca ccactcctat tcaacatagt gttggaagtt ctggccaggg 240
caatcgggca ggagaaaagaa ataaagggtta ttcaattagg awaagaggaa gtcaaattgt 300
cccwtttgca gatgacatga ttgtatatat agaaaacccc atcgtctcag cccaaaatct 360
ccttargctg ataagcawct tcagcaaagt ctcatgatac aaaatcaatg tgcaaaaatc 420
acwarcattc ttatacacca ataacagwca aagagccaaa tcatgagtga c 471

<210> 23537
<211> 76
<212> DNA

<213> Homo sapiens

<400> 23537
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tccctgagcc aggacg 76

<210> 23538
<211> 227
<212> DNA
<213> Homo sapiens

<400> 23538
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gtaggatgac tattaggagc atttattaga ttttcccagt tggatattta ttattaaaaat 120
ctgtctatta cgagtagact cacagtttgt ggcacacttt tcaaataaat agattaaaaa 180
caaccttttag tttgtaacaa aaaaattcat gttaaatttg gcaacag 227

<210> 23539
<211> 93
<212> DNA
<213> Homo sapiens

<400> 23539
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aacatttgac aatgtgggaa tgaagaacaa ccg 93

<210> 23540
<211> 55
<212> DNA
<213> Homo sapiens

<400> 23540
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<210> 23541
<211> 145
<212> DNA
<213> Homo sapiens

<400> 23541
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sagcgtttgc tgagtgttg cgcggaccgt atattgcagt cctcagagca cagccccagc 120
cccagcccc ttccgctccg gtccc 145

<210> 23542
<211> 133
<212> DNA
<213> Homo sapiens

<400> 23542
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tctggcatca gatcagtttt tgtgttgtga agttctactg tggtttgacc caagaccaca 120
accatgagcc cct 133

<210> 23543
<211> 132
<212> DNA
<213> Homo sapiens

<400> 23543
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aaagccattt atctgaaggc tgcatagtgg agagagtctt cagtttacct cattctttgt 120
agcagccctc gt 132

<210> 23544
<211> 300
<212> DNA
<213> Homo sapiens

<400> 23544
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aatgcacaga gtaggaggaa agaattagct tcgaggaggt gctcttacta ttttttagaca 180
atgcctgtca gctacagagc agcggaatag ccctgaatac ctaggggtga tctgtccttt 240
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<210> 23545
<211> 350
<212> DNA
<213> Homo sapiens

<400> 23545
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agggtcccca gagacatccc tgccatgtc cctgctgtc ggcttccac caccgtcctc 300
aacgccacag ccaaagctgt wgcggtgacc ctgcagtcac actgaccgt 350

<210> 23546
<211> 358
<212> DNA
<213> Homo sapiens

<400> 23546
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tggggaggga atactgcttg agcccaggag ttccgggacca gcctgggcaa catggcaaaa 180
ccccatatct acaaagaagt cccagctcct aagtagctgg aactataggc acacaccacc 240
acgccaggct aattttttgca tttttttgtt gagatggggt ttggccatgt tgcccgggct 300
ggtctcgaat tcttgcactc gggcagctctg cccacctcag cctcccagag tgctggga 358

<210> 23547
<211> 119
<212> DNA
<213> Homo sapiens

<400> 23547

<213> Homo sapiens

<400> 23552

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tgtttctcgt tgttataagg atcaaacaat ggaatttatg gaattgctct gcaaataata	180
caaaggctcag ctgttaccga tgggtgtaact gattgcctct caaattcccc cccatatctg	240
ctccaaatga cccctccag aatggctgcc actaagttcc caccagctga caaggactgt	300
gtgcaatgca ttgctgtatc aaagttgaga ctgtggggcg gggacagaca tagctgctaa	360
cagggaata tctgga	376

<210> 23553

<211> 87

<212> DNA

<213> Homo sapiens

<400> 23553

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<210> 23554

<211> 93

<212> DNA

<213> Homo sapiens

<400> 23554

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tgctatctgc gtgtgattct ctacgcagag aag	93

<210> 23555

<211> 445

<212> DNA

<213> Homo sapiens

<400> 23555

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ggcctgttct cctcctccag acctagtatt ctaagttatt accacatagt atttttatgt	180
tacccatcat ctttaaaaaac attataggct gggcatgggt gcttacgcct gtaatcccag	240
cactttggga ggccaaggcg ggcggatcat gaggtcagga gatcgagacc atcctggcta	300
acacggtgaa aacccatgtc tactaaaaat acaaaaaatt agccaggtgt ggtggcgggc	360
gcctgtagt cccagctactc aggaggctga ggcaggagaa tgggtgtgaa ccgggaggca	420
gagcttgacg tgagccgaga tcgca	445

<210> 23556

<211> 84

<212> DNA

<213> Homo sapiens

<400> 23556

aggaaaatta agcatcccaa gtgtgactgg acaaagagag cagatgcacc agtgccctgtg	60
ccataaagtt ccgaatcccc cagt	84

<210> 23557

<211> 409
 <212> DNA
 <213> Homo sapiens

<400> 23557
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 ggcacccaat ccttacctc tacctcatgt tttctgctga ggaaaggat agtagtgaat 180
 ggtacttact tcttcgcaga aatgggtatga gaattaacat atcaaaagat ctagctgcct 240
 tatatatgat gctgatgtab bkttaagact tttctaaatt gtagtttttt agctatttat 300
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 aatgcctcaa attcccttgt tctctctctc aaattcctta tttcatggc 409

<210> 23558
 <211> 187
 <212> DNA
 <213> Homo sapiens

<400> 23558
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 gagaagagac acaaaggact cagctgggta agaggggtat aaaaaggagt gaaccgaagg 120
 tagagagaga gaggccagac actcagaggt ctcaaggagg agagaggagt gggacaagcc 180
 agcata 187

<210> 23559
 <211> 260
 <212> DNA
 <213> Homo sapiens

<400> 23559
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 tctccctcca gcctaacagt ttgtgcattg aacactagtg gattttgcac ttaattaaga 120
 gggttctagc caaccaaact gtatttagag actaaaaaat tagccacatg aacaaaagta 180
 tacacttcgg ctgcattaac actcctaccc aagactatth ttaaatacaa ctcccaagcc 240
 attaagtttg aaaaccgccc 260

<210> 23560
 <211> 106
 <212> DNA
 <213> Homo sapiens

<400> 23560
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 gaaggtgaaa gggaagcaag aaccttcttc aagtggtagc aggaga 106

<210> 23561
 <211> 252
 <212> DNA
 <213> Homo sapiens

<400> 23561
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 caaaattggg aaagaaaact cacttgagtc ttgatcaaac aagtgtcttt tacttaagaa 120
 gaaacttggg aatcattgtg gcacccacag caagcagttg ccttaccagt gaaaaagggtg 180

cactgaggta acatctaaaa cagagatgtg gttcttaatg tttaacagaa cagttctaata 240
cctgccacgt ga 252

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ctccaacaac tctctcagct catatcttcc caaactcatt tcccattagt acctaatatg 180
aatactcagt tacagcct 198

<210> 23563
<211> 256
<212> DNA
<213> Homo sapiens

<400> 23563
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tcaccgagg ctgggagttc gagaccagcc tgaccaacat ggagaaagcc cgtctctact 180
aaaaaaaaa tacaaaatta gccagacatg gtggcacatg cctgtgatcc cagctgctcg 240
ggaggctgag gcagga 256

<210> 23564
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<212> DNA
<213> Homo sapiens

<400> 23564
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ctggggtgag ggtggcacc aggagctgt 150

<210> 23565
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<212> DNA
<213> Homo sapiens

<400> 23565
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atggattgcc attttatggg agacctctag agaaactgtc tagttaaatg gggctagaaa 120
ctagactagg aattttattc tattactcca ggggaccag cagtgtcat tctcgtgtgt 180
gtgtgtgtgt gtgtgtgtgt atgtgtgtgt gtgt 214

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<212> DNA
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<400> 23566
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tccaggttca caggcgccca 140

<210> 23567
<211> 129
<212> DNA
<213> Homo sapiens

<400> 23567
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aaccaaccc 129

<210> 23568
<211> 185
<212> DNA
<213> Homo sapiens

<400> 23568
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agatagaaaa tcagtgaagg atttaggaga cttgaacaac actaatcaac ctacttgacc 180
caact 185

<210> 23569
<211> 131
<212> DNA
<213> Homo sapiens

<400> 23569
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cctgcagccg t 131

<210> 23570
<211> 187
<212> DNA
<213> Homo sapiens

<400> 23570
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cagagtaagc ctccaaaaag aagcaagatc tttgaaagtg gctgggagag ctcccaactg 120
aataggcttc agcctccac tgtcagtact taaggttcaa atgcctcagg ctgcgggagg 180
ggacggc 187

<210> 23571
<211> 175
<212> DNA
<213> Homo sapiens

<400> 23571
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<211> 100
<212> DNA
<213> Homo sapiens

<400> 23572
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<212> DNA
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<400> 23573
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gctcatgccca ccatgccag ctaatttttc tggttttatt gaaaacggg tttcaccatg 240
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<210> 23574
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<212> DNA
<213> Homo sapiens

<400> 23574
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<210> 23575
<211> 202
<212> DNA
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<400> 23575
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<210> 23576
<211> 212
<212> DNA
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<400> 23576
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ttttacttct tcagtcaact aattggacgc ttaagtcatt tatattatat tctaagttat 180
cagctgaaca aaccagtttg aatgccagcc gg 212

<210> 23577
<211> 80
<212> DNA
<213> Homo sapiens

<400> 23577
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catcttgac cggaactcc 80

<210> 23578
<211> 229
<212> DNA
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<400> 23578
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tcccattata tttttccctt tattgcagaa ctgctgtatg tatacagtga ctgaaaggac 180
tcaatttact gcaactgctg cctggcttta cttacaactt tttttttt 229

<210> 23579
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<212> DNA
<213> Homo sapiens

<400> 23579
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atccggtaaa tgtagtattc ttaacctgtt ctatattact tatacctatt gtctatatag 240
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agacaaagca 370

<210> 23580
<211> 147
<212> DNA
<213> Homo sapiens

<400> 23580
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agtttaactg aagaatatcc tgagata 147

<210> 23581
<211> 403
<212> DNA
<213> Homo sapiens

<400> 23581
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gtgatatcct acttaccgaa tctactggat atttttagtc ttgtcttacc tgatttctgg 180
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ctttttcttc ctatctctgt gactacttct ktgtctgtat ttcttttgaa ggatcttact 300
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<210> 23582
 <211> 150
 <212> DNA
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<400> 23582
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<210> 23583
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 <212> DNA
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<400> 23583
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 cttgaccatg ggcaacagat gtccatgaaa gaatgacct gatacagact gaaatgttac 180
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<210> 23584
 <211> 103
 <212> DNA
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<400> 23584
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 ggcaacagag tgaacacca tctcaaaaaa aaaaaaaaaa aaa 103

<210> 23585
 <211> 440
 <212> DNA
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<400> 23585
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<210> 23586
 <211> 187
 <212> DNA
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<400> 23586
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 ggcaaatatg ctaaaaagct atgattctat ggtcttttta cttaatatc ttttcagtta 120
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 agagtac 187

<210> 23587
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 <212> DNA
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<400> 23587
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 caat 124

<210> 23588
 <211> 183
 <212> DNA
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<400> 23588
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<400> 23589
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 gaactgttac tccaaatcca ctccgtttt aaagcaaaat tatcttgtga ttttaagaaa 180
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<210> 23590
 <211> 379
 <212> DNA
 <213> Homo sapiens

<400> 23590
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 tgaaggatag atgtctgtga ccctgtgat cagtctttct tccctggag tggacagtag 240
 taactcccca gctggttatt cagtttcccc tcatTTTgtg caatgcaata gaatgcactc 300
 tggaacatt ggctggcttt ctttcccttt aacaccattt gcttggttct agttcctggg 360
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<210> 23591

<211> 412
 <212> DNA
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<400> 23591
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 aacacacata cacatacacg cgcatsmta catatacaga gagatacgtg gagaaaggaa 180
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 gccatcactc wtagagaaag tttgagttcg actcacatgg gagaatcgag gtctgtact 360
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<210> 23592
 <211> 108
 <212> DNA
 <213> Homo sapiens

<400> 23592
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 <211> 386
 <212> DNA
 <213> Homo sapiens

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 agctgccgct gaagagggag gagtgaagca tgggttaaaca gagaaagatg gtatctagat 300
 gaactctaag aagccataaa atgtaggtgg gcagcaagtt tggactgcat cttacaagat 360
 attggaatga gtgtacatac atcagt 386

<210> 23594
 <211> 192
 <212> DNA
 <213> Homo sapiens

<400> 23594
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 acttaacctc tgaatgtcat tttcctttac tgaaattgaa gaaaataacg tctttattct 120
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 awtgtagagg aa 192

<210> 23595
 <211> 129
 <212> DNA
 <213> Homo sapiens

<400> 23595
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tcccggcttc gggcgatcct tctgcctcag cctcctgmt agctgggact acaggtgcwc 120
accaccctc 129

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<211> 297
<212> DNA
<213> Homo sapiens

<400> 23596
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agggacaaaag gcctggaagc ccttaaaaata agttatctta gatgtgccag aacatattca 120
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aatgatacat tttttgttct caatttctca attctacata cctgattatg agtgaagtat 240
ccaaagcagg ttttcatcag catgggggat ggaaggtagg tataatatga ggactgt 297

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<211> 252
<212> DNA
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<400> 23597
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gttgtctgct taatgttgta tcatgttaga cctgttagtg gactgttact catattaaga 180
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cnaggtcccc ca 252

<210> 23598
<211> 331
<212> DNA
<213> Homo sapiens

<400> 23598
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<211> 182
<212> DNA
<213> Homo sapiens

<400> 23599
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gatttgcgta tattgaacca gccttgcatc ccagggatga agcccacttg atcatggttg 180
ac 182

<210> 23600
<211> 136
<212> DNA

<213> Homo sapiens

<400> 23600

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<210> 23601

<211> 382

<212> DNA

<213> Homo sapiens

<400> 23601

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ccattgtggc	cagagaagac	acttgatata	atcttaatat	ttttaaatgt	taaagccttt	180
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tggattctgt	agccattgag	ttaagtggwc	tgtaaattag	gtctattttt	ataatcaaca	300
ccctcctagh	wcttactact	aataattatt	acattttgac	taccacaact	caacggctac	360
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<210> 23602

<211> 380

<212> DNA

<213> Homo sapiens

<400> 23602

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tactgcactc	tccagcctgg	gctacagagt	gagactctca	aaaaaaaaata	ataataataa	180
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cctcagcctc	ccaagcagcc	gggactacag	gcaaacatca	ccatgtccag	ctgtccccag	300
ctttctaatc	tgggtctttt	cttgccccag	aacctcaaga	aggcatgaag	ccagcccctg	360
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<210> 23603

<211> 403

<212> DNA

<213> Homo sapiens

<400> 23603

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aatagctttg	tcttcagttt	tcctagtgat	agaatacatt	ttattttctg	tggccacatt	180
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gttaaatttg	cttttaagaa	atgttcacct	gtttactctt	ttattdswgc	ttaatcaaac	300
tatgaaacat	ttaaagcata	acccttatct	ttgatttagat	tgaagttgaa	aaaacaaggc	360
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<210> 23604

<211> 146

<212> DNA

<213> Homo sapiens

<400> 23604
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ccaccgcgcc tggccaaaat atataacctt aagtgtgaagt ttactaactt tggaaaagtac 120
atacaccagc ataaaccaac ccccca 146

<210> 23605
<211> 354
<212> DNA
<213> Homo sapiens

<400> 23605
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tccagaacat atgtaaaatt gctgagtact ttacgcatta ggtgatgaag aactagatga 180
ttaaattgat ggcaaatact taaatataaa tatgtataca taaatataga aatataattta 240
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<210> 23606
<211> 127
<212> DNA
<213> Homo sapiens

<400> 23606
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agaccac 127

<210> 23607
<211> 108
<212> DNA
<213> Homo sapiens

<400> 23607
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cgcagctaac agtgggagtt atctaagcaa tcagatgtta caggacat 108

<210> 23608
<211> 304
<212> DNA
<213> Homo sapiens

<400> 23608
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aaataaaaga atatgctgcg atatttcatg aacacaccag caggcttgta gaggtaagca 180
tgctagaact gtaactcact aaagtccagg agaatgaggc tcccattctc catttatggt 240
tgaattgtac ctaaataaaa acttttgaca ccgtgttaca aaaaaaaaaa aaaaaaaaaa 300
aaaa 304

<210> 23609
<211> 263
<212> DNA
<213> Homo sapiens

<400> 23609
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gggctcaagc gatcctccaa tttcagcctt ctgagtagat gggattatgg atgtgagcca 240
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<210> 23610
<211> 325
<212> DNA
<213> Homo sapiens

<400> 23610
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cagggcctag aacggcccg gcaacttagta ggcccagaga agaaactgag gcctggaatt 180
tgattaactc attcaaggtt acccagttgg taattcattt gcacacctgt tagcaagaaa 240
cagaagttga aggactggaa caagtgaact aggaaagagg gaacgccaat ccaaggatag 300
aaggacaagg acagaatcac cagcc 325

<210> 23611
<211> 195
<212> DNA
<213> Homo sapiens

<400> 23611
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atgaggcaaa cgagaacaaa gcagtgcgaac agcaccatga tcgacgatac tttgggggcg 180
gcgtgatcag aggan 195

<210> 23612
<211> 281
<212> DNA
<213> Homo sapiens

<400> 23612
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aataaatgca cgtggtaggt gcccaataaa tattcctcga gtgagtagat gatctttagt 180
agccatcctg ctactacata cagacaaata gatatgactt ctgttcccac gttccttttt 240
tctttaactc attggccttt tggacctgtc cttgcccgctc t 281

<210> 23613
<211> 297
<212> DNA
<213> Homo sapiens

<400> 23613
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agtgttctaa agagggtgtc gttcagtttg ctttctgttg ccgcctaagc ctaaccttgg 180
gaccggccgt tttcccaact tcctgaatat cctccggccc gcagggaagg gcggagacgc 240

ggtgtttggc gctggcatcg actggtactt gtttagtggg gtttaactgg gatggct 297

<210> 23614

<211> 253

<212> DNA

<213> Homo sapiens

<400> 23614

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tggtgtata	cccaaaggac	tataaatcat	gctgctataa	agacacatgc	acacgtatgt	180
ttattgtggc	actattcaca	atagcaaaga	cttgaacca	acccaaatgt	ccaacaatga	240
tagactggat	tcc					253

<210> 23615

<211> 447

<212> DNA

<213> Homo sapiens

<400> 23615

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gaggtggggc	ctgtaatat	tttttctgag	tttcttctgc	ccaaaaatat	aatatagaac	180
taattgctaa	ctgacaaata	aagttaatag	ttaaatcatc	tccaaggaat	gttgctaatac	240
caaagtataa	cactatcaat	ttgtgaggat	aataaatgga	atgccattag	tgtagatgtc	300
tgtgccacat	ctgacactgg	agtagtgata	acaaatagcc	catctctaga	ctctcgtgtt	360
gttatataga	ccattcatat	gcctgagcgt	ggcacagttt	taaaaatagt	tctcttgatt	420
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<210> 23616

<211> 160

<212> DNA

<213> Homo sapiens

<400> 23616

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<210> 23617

<211> 370

<212> DNA

<213> Homo sapiens

<400> 23617

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aaagtagtct	aatagctttt	tgtcagcttg	atthttttgt	gtgtgtaata	ttcaagggca	180
gaatgacagg	acagataagc	aataagaaat	gtatagaatt	agaaaatata	gtagttccct	240
cttacctatg	ggacatacgt	tccaagaccc	ccagtgaacg	tctgaaacca	tgatagatat	300
agacctctat	acactgtttt	ttcctataca	tatataccta	tgataaagtt	ctatttataa	360
atcagggaca						370

<210> 23618

<211> 164
<212> DNA
<213> Homo sapiens

<400> 23618
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ggcgtgcat ggccttgagc tggaggcgct gcgcctgagt ctgagcaaca tgcacacggc 120
gcastggagc tgacacaggc caacctccag aaggagaagg agac 164

<210> 23619
<211> 376
<212> DNA
<213> Homo sapiens

<400> 23619
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gcttctccag cagcgctaag tccctgggaa tcttcgagcc cactcagagg gagccacaga 120
agccccgacg ttgcacagcc ctgcaggcag gggctggggg catccttcac tgagctggac 180
gaaggggtcc tgggagcggc ctccggccct gaggcctcac tctctcgtag cctttgggaa 240
ggaatcgcgg catcctggat aatttcgtgg attcccagag cagctcaggt gtccaccagc 300
gggcatactg ctgcctcaaa gagttgggca agatgctgtt cgggggtgaag gacattgcac 360
tgttggagca cgcgtg 376

<210> 23620
<211> 360
<212> DNA
<213> Homo sapiens

<400> 23620
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gttttaacca atgatggtgt ttgcttctag gatatacact ttaaaagaac tcactgtccc 180
agtgggtgatc attgatggcc tttagtaaat tggagctgct taatcatatt gatattctaat 240
ttcttttaac cacaatgaat tgtccttaat taccaacagt gaagcactac aggaggcaac 300
tgtnnacatt gcttccttaa ccagctcatg gtgtgtgaat gttataaaat tgtcactcat 360

<210> 23621
<211> 372
<212> DNA
<213> Homo sapiens

<400> 23621
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ttatagaagg agaaataata aatatgtgtg tgttgatgca tgcacacaga atgacctgtg 120
aaaggaaact taaattttgc cggtaaaaca aacatatctc tacagactgt gattatactt 180
cataagcatt taaatacagt tttattttatt tctttaaata tattacttgg gtaattaatt 240
ttagatttga ttgcaaagag cactgtatag cagttgggac cagctcttgg cttggcttgg 300
cttggcttat tgttatgagt ttattggatc agactaacia ataactttgt gatgaaaatt 360
cttcaaaaat at 372

<210> 23622
<211> 115
<212> DNA
<213> Homo sapiens

<400> 23622
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 agatcatgcc actgcactcc agcctggcca cagaacgaaa ctctgtctca raaaa 115

<210> 23623
 <211> 70
 <212> DNA
 <213> Homo sapiens

<400> 23623
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 cgaggccttt 70

<210> 23624
 <211> 302
 <212> DNA
 <213> Homo sapiens

<400> 23624
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 accaacacac ccaactaatt tttaaatttt ttgtggaaat atggtcttgc tgtgtttccc 120
 aggctgggtct caaactcctg gccttgagag attctcctgc cttgggtctc caaactgctg 180
 ggattacaat atccggccct actggaatat tttaaagtaa atctcaggtg ttacatcatt 240
 gcacttgtaa gtactttaaa atgtatctct agcagataaa tctttttaac aaaaccacag 300
 ca 302

<210> 23625
 <211> 127
 <212> DNA
 <213> Homo sapiens

<400> 23625
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 actgagcagc accggtgttc ttcattccggc tgcaccccca acagagctct ttcttcccca 120
 gatccca 127

<210> 23626
 <211> 266
 <212> DNA
 <213> Homo sapiens

<400> 23626
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 tattgcctat atatttaata ttctttgaca gcattgtaaa tgatatatta aattttgttt 120
 tctaattttt tatcatttgt atctaaaatt gctcttgatt ttgtggaatt aactttgagt 180
 ccttaaatct tacaaaatgt acttagcagt bcttgtcttt ttgaagattc catgtgattt 240
 tctacatata taataatttt gcctac 266

<210> 23627
 <211> 295
 <212> DNA
 <213> Homo sapiens

<400> 23627
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 awaaaaaaaaac cggccagagc attamaacaa ataaaataag araccacagag gccagtgtta 120
 ggtgaagaac tccgctgctt cagaaagaga atagcagcgc tcgcttaccg tgggaacacg 180
 gccagttaac aaaatggggtt ttgggtttttt gttttgtttt gttttaccat tggtaatamg 240
 atmagttaac ataagtggtc agaacttcgc tgaatttgta ataaagcatt tgta 295

<210> 23628
 <211> 179
 <212> DNA
 <213> Homo sapiens

<400> 23628
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 tcttccaaat tcgtaagaww aatgttcaaa aatgatcact tcaatagaaa aataggcaaa 120
 ggacatgagc caatttataa aaaaaaawta ccatttttct gcacacacac acgccccas 179

<210> 23629
 <211> 375
 <212> DNA
 <213> Homo sapiens

<400> 23629
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 gaagtatctt tagtgatcca agtaagattc cctctcatca aagagtttca cttaacatgg 120
 tttccgaaga ctttaaaaaa taaaacagca ggcgctgagt gttgtgttta ctttcgctct 180
 gcctgtgttc acattccctc tcgtgaatat ttattgactt tctaccgcct gcaagaggct 240
 gggctgggtg catctcgtga cgagtcaccc agaacggta gcacagttct gccggccct 300
 gttgagtgtg attatcgagg ccagtnctcc gmtgcctctc acgtaccatt tcgctgctgg 360
 tcactectca ttagt 375

<210> 23630
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 23630
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 cccagtcaag ttgagacata aaattaacca tcacaaaatg ctttcaaata cagagcaatt 240
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 gaagcctggc atggtgtgtc aggaattctc catcttggag a 341

<210> 23631
 <211> 251
 <212> DNA
 <213> Homo sapiens

<400> 23631
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 ggggcggtga ggcgtcccgg cgaggagctg gggctgctct gagtttaaaa gacaggtggc 180
 tctcgagat gtgcgggctg catgccacg cttcacccgt aagggaggctc agggctgtgc 240

gatggggaag t 251

<210> 23632

<211> 249

<212> DNA

<213> Homo sapiens

<400> 23632

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aggacctaaa	ttaaagaata	gatatggagt	agaaaagtta	atattttaaa	gatgctat	120
cttttcagat	tgatcagtgt	agattgatgc	agttccaatc	aaaatctgat	ggggttgctt	180
aaaaaattta	aatatatgat	ggataaatag	aagtataaca	atagatcaca	taacattatc	240
aacacgcac						249

<210> 23633

<211> 334

<212> DNA

<213> Homo sapiens

<400> 23633

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tggaagaaag	ctgagacaag	agaatttagc	catggtcaca	gattaggtgg	cactagtttg	120
aaaaatttag	gaccttagag	acatcat	cattccataa	ctttcctttc	tcgtatgtga	180
agaagaatta	gccacctatt	taatttctat	ctccaccaac	aaaatatcag	taggatatgt	240
gtwgcttatt	ggttaaggaat	actggtgagg	aataagaggc	taaggtacag	gtggagatgt	300
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<210> 23634

<211> 433

<212> DNA

<213> Homo sapiens

<400> 23634

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cctgtatcgc	taatttatca	ttttccaac	cttgggtattt	tatattattt	agagaaaatg	120
ctggrtcact	ctctttgcct	aagggtgactc	aaacagccaa	acgaaacttc	cgttgcctcc	180
cagccctctg	tatccacctg	gttttgttct	ttccctgtga	gcatttgtgg	ttatagcttc	240
ccatatgcc	cattcammgg	ccamctctc	gmmgtggaac	cctgcmctct	cyyctcctgc	300
tgctgtagag	ttttcccaaa	gcagtgtcca	ggagagaatt	tgagagagt	aagaaattgc	360
cttgtagatg	tggagggctg	maatctgtct	tgatttctcc	aagcacttaa	ctttctttga	420
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<210> 23635

<211> 385

<212> DNA

<213> Homo sapiens

<400> 23635

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tcccaaaatt	cttttaaagt	ctggattttt	mmgctaatat	gtactttaga	gaatattttg	180
ttcatgcata	cttcacggt	aaattgaaaa	tgtcttcagc	ttctcttggt	aaatgtgaac	240
catttgtttt	ttattgtgct	tgggggagag	ggtattttta	tataattttt	gcctaaatca	300
agaagtcccc	tctgaatggt	aattttttaa	tgtcaaaata	tgatgaacga	tatatcttga	360

aagtgagatt gcaatatgct taaac

385

<210> 23636

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<212> DNA

<213> Homo sapiens

<400> 23636

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tgaaaaagtt	atthagagat	tggttgctctg	taagggcagt	agttcctagt	ctaacccttt	120
tgaaaatctg	ataaaagttg	tagactttct	tcatacagaaa	catttgctctg	tactcacagc	180
tcagtttttag	gtaagtysaa	gagccccata				210

<210> 23637

<211> 124

<212> DNA

<213> Homo sapiens

<400> 23637

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actgcccattg	ctgaccaccc	agccctccgg	ctgctgatgt	catgagtaac	accactgtgc	120
ccac						124

<210> 23638

<211> 102

<212> DNA

<213> Homo sapiens

<400> 23638

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gttcattga	tctattttgtg	tctccctatg	acaataccac	at		102

<210> 23639

<211> 236

<212> DNA

<213> Homo sapiens

<400> 23639

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gcattgctag	ccctggaatt	cgagacccca	gacgaggacc	aggattcatg	aatcagtcg	120
caggggccgg	ggcaggggcc	tctggmtccc	gacactggcc	gagaggtgat	dwktgaggtt	180
cgaagaacgg	aagatttaaa	aagcagccgg	ggcctccgta	ttgaatgaaa	gaccca	236

<210> 23640

<211> 281

<212> DNA

<213> Homo sapiens

<400> 23640

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tcattgatga	gcattcaggt	tgattccatg	tctttgctat	tgtaaacagt	gccacaatga	120
acgtacaaat	tcacgtatct	ttgtaacaga	atgatttatt	ttcctttggg	tatattccca	180
gtgggtgggat	tggtgggtga	aatgggtattt	ctgattctag	atcttcgcca	cacaatcttc	240
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<210> 23641
<211> 344
<212> DNA
<213> Homo sapiens

<400> 23641
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ggcctcctgca gagtgccttg ggaagggaag gagcactgat ttggggggtt tgagggtcaa 180
gtaggggttg gtaacacctg gaaagaagga ctctttcact tcgatccctg gacaattatg 240
gaggattcgg aggtagaaga ggggaaggaa gatggtttct atctcatgac cccactccc 300
tgtgagaggg aatgggggaa gcctgatgac cctcagctgt ccca 344

<210> 23642
<211> 147
<212> DNA
<213> Homo sapiens

<400> 23642
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tgcaccogct tcctgggacc cagctgcttg atgttgctgg aggcacaggt gacattgcat 120
tccggttctt taattatgtt cagtccc 147

<210> 23643
<211> 302
<212> DNA
<213> Homo sapiens

<400> 23643
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aactggaaat aataataatt tctgcctccc aggtctcatt tgagggacat gtaaataagt 120
taatacatgt aaagcatata gatcagtgtc caaaatagag tgtgtactca ggaaacagta 180
atattattgt tatatgtact attataattg tsstttttct tttctctctc cctccccctca 240
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ct 302

<210> 23644
<211> 189
<212> DNA
<213> Homo sapiens

<400> 23644
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ttaagggaaga tcccttttat tcttagtttg ctgtgtgttg gtattatgaa ggcgtgttgg 120
atthttgtcaa atactttttc taactatatt gagtttagcc tatgcatgta ttttcctcag 180
agagcccac 189

<210> 23645
<211> 120
<212> DNA
<213> Homo sapiens

<400> 23645

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<210> 23646
 <211> 97
 <212> DNA
 <213> Homo sapiens

<400> 23646
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 tgaactcctg gttctactct ttccctcctt ctcacat 97

<210> 23647
 <211> 111
 <212> DNA
 <213> Homo sapiens

<400> 23647
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<210> 23648
 <211> 51
 <212> DNA
 <213> Homo sapiens

<400> 23648
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<210> 23649
 <211> 102
 <212> DNA
 <213> Homo sapiens

<400> 23649
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 gttccattga tctatttgtg tctccctatg acaataccac at 102

<210> 23650
 <211> 146
 <212> DNA
 <213> Homo sapiens

<400> 23650
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 gctaattctag aaatacaatc atcttt 146

<210> 23651
 <211> 315
 <212> DNA
 <213> Homo sapiens

<400> 23651

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 ataacttaaa ctcccttgctt tttactgctg gccctacaga gtatgacaga aacatggggc 120
 tgctaataca ggtttctggg ttcttgtccc tgcccacatt tctcaacaca tgataaaaaa 180
 gatgcaagta ggaaaatcaa gccatagact aaagaaatca ccaacgggtg ttttattctt 240
 agaagtaagt gactctttct taacttctga tccatctttt aaaacatttg tttttccatt 300
 agcatccgta cccac 315

<210> 23652
 <211> 68
 <212> DNA
 <213> Homo sapiens

<400> 23652
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 agcacaca 68

<210> 23653
 <211> 231
 <212> DNA
 <213> Homo sapiens

<400> 23653
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 cctgagtagc tgagactagg cgtgcaccac cgtttctgac aggatttta tttttaagta 180
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<210> 23654
 <211> 179
 <212> DNA
 <213> Homo sapiens

<400> 23654
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 gcaacattag aaggtttagag ttcattggaaa catagaattt taaaatgtga gttcaaccga 120
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<210> 23655
 <211> 126
 <212> DNA
 <213> Homo sapiens

<400> 23655
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 tttcta 126

<210> 23656
 <211> 107
 <212> DNA
 <213> Homo sapiens

<400> 23656
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gcccagggag ggcgggaaga ctggcggggg tccgaggcag cccgctc 107

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<211> 220
<212> DNA
<213> Homo sapiens

<400> 23657
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aggttctgcg accgagaaat tcggtgcaac aagtgtgtg acagaaaacc ccccgctcgg 120
cgctgctggc gaaagaghna acaaaacgct ggggtgctgcc accgtgacac cgacttttagg 180
accccggcct cggatggaga aaggaggga cgaagccacc 220

<210> 23658
<211> 140
<212> DNA
<213> Homo sapiens

<400> 23658
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tgctgataag gaggtaatat cataggagct gctaagatgg gcatgaggat caaactgcaa 120
agcaccaacc accccaacct 140

<210> 23659
<211> 292
<212> DNA
<213> Homo sapiens

<400> 23659
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atcacttgaa tccgggaggt ggaggttgca gtgagccgag attgagccat tgcaccccaa 120
tctgggcgac atagcgaaac tccgtctaaa aaaaaagaaa ttcctgggct caagtgatcc 180
tcccacctcg atctcccaaa gtgttgggat tgtgggtgtg agccaccatg cccagccctc 240
tttcacatac ttagaatcct gtttaatgcc tcaatatttt tttgtacaag cc 292

<210> 23660
<211> 257
<212> DNA
<213> Homo sapiens

<400> 23660
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aataaaaaata aaaagagaat aataggccag gcaactgtggc tcatgcccct aatcccagca 120
cttttgggag gtcaagggtga gcagaacacc tgaggacagg agtttgagac cagcctgccc 180
aacgtggtga aaccccatct ctatgaaaaa tacaataatc agacgggcac agtgggtggtg 240
cccacctgtg atccccct 257

<210> 23661
<211> 248
<212> DNA
<213> Homo sapiens

<400> 23661
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gttctataaa	tatctataaa	tactcatata	tatacacacc	tacacatggc	caaccgcctc	180
gcctctagcg	ctgggaatca	gtcactgtgc	tatccttgtg	gagtcttgtg	gcccactac	240
cagagaga						248

<210> 23662
 <211> 454
 <212> DNA
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attagtcaaa	
aattctatag	
aatgactcac	
ttcgaatact	
aagacacagg	180
aggtttagcc	
tgctttctta	
ccaaattcat	
gttaccaga	
cttgtgttct	
cttgcgctccc	240
ttggactgcc	
tggtgattga	
tggaaagtgt	
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acttttcgtc	
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agtttcgtgg	
cctcttttga	
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aaggtttact	
taattaaata	360
ccgcatttct	
aagagaagat	
acttttgtga	
agaaaagatg	
ccacatttag	
tggtttaact	420
tttgtaactt	
cacttgatag	
tttttaagca	
attagaatgg	
agttaggga	
agaacatatc	454
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gcat	

<210> 23663
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 23663	
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tggcacttct	120
ggaacgcaga	
agaatcctgg	
cccaccagct	
gggtgacttt	
atcattgtat	
acaacaagga	143
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aga	

<210> 23664
 <211> 136
 <212> DNA
 <213> Homo sapiens

<400> 23664	
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cgaacacaca	
cacacacaca	136
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cacttc	

<210> 23665
 <211> 323
 <212> DNA
 <213> Homo sapiens

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ggaaaggagg	120
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gacccccctt	
tctcgcagct	
gccatcccag	
aatttccacc	
cactcacaaa	180
catacccatt	
atacattgat	
gtgtccacac	
ccctccyagg	
actaggcacc	
gcccttagga	240
atttcactac	
agcatttttt	
tattcwagtg	
ttttttgcca	
rdnaccacc	
aaagtgtcta	300
caagtctcct	
racatwattc	
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tgmasmagca	
gcytgytctc	323
tccaccaacc	
aaggattctg	
gac	

<210> 23666

<211> 153
<212> DNA
<213> Homo sapiens

<400> 23666
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agcagagtaa atagacaacc cacagagtgg aagaaaatct tcacaaccta tacatctgac 120
aaaggactaa tattcagaat ctacaaggaa cat 153

<210> 23667
<211> 118
<212> DNA
<213> Homo sapiens

<400> 23667
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atggtaatcc cggggatagg aggggctagg taaaggcgga tccgatggag ctcacggr 118

<210> 23668
<211> 463
<212> DNA
<213> Homo sapiens

<400> 23668
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aatatcattc taaatagatt aagaaaagat ataatttctt tactgcagtt aaatcatata 120
atgtttgtat gattaaaaat aaatttctca gaattgtgat tttagtaact ttatataaaa 180
tgtgtgagac aaaaacttat taagggtaaa tagaattgtt tcttctgaat aatctaacaa 240
aggaaaatat aagtgattga atcataagat ataagggggg tgaagtatta aaaataactt 300
ttttgtttga taacttgaga atttagaaga ttttgccaag tatgtgttgt tgcttmndtc 360
cttaaatatg gcattgatga atttaaagta ggagcayagt tattacttct gattcattaa 420
tggccagaat tttgtgtttg gtgtaatagt tgtgtcacca ttc 463

<210> 23669
<211> 160
<212> DNA
<213> Homo sapiens

<400> 23669
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tattctgcca gaagggattt ctggtataag gttgaaattg ctgagataaa ataaactaaa 120
acaacaaaca tccttaaaga ggtagggtgt gggctgctga 160

<210> 23670
<211> 322
<212> DNA
<213> Homo sapiens

<400> 23670
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tgcacaacac ctggacacca atggatggag cccttggaac aataaaaagcc caagagacag 120
acacacaaca tgnacaggct cactnngttg agggctcactc atctgttctc cctacaataa 180
aggaataagc aacatttctt ggcttgactt tccagggtt accagggtag acagtgaatg 240
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322

<210> 23671

<211> 359

<212> DNA

<213> Homo sapiens

<400> 23671

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ctaccaaagt	gctgggaatg	acaggcatga	gccaccacac	ctggcctatc	ctgacaatga	180
tacatgaaca	aatammtgta	tagtctaata	tctggtcggt	aagtgctgtg	atgaaaaata	240
aagctgttag	gggacaatga	gtgactgggg	tcaggagaga	cctctcactg	gccccatgagc	300
acagttctgt	atggagargg	gttgtgtcca	gcagggctct	gggtgggctg	gatgggtcaa	359

<210> 23672

<211> 293

<212> DNA

<213> Homo sapiens

<400> 23672

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aaacagtaca	gagataat	atctgccatt	acaatgcatg	ttacaaattt	aattttgttt	120
tttaatttag	ggaacacaga	gcttaaattc	ccataatgat	tactgccaac	atttttaga	180
cactggacat	agacctcaga	atttcatcag	ggatgtaggt	atgtcagggt	tgtttggtgact	240
acgctattgc	tgactctcaa	ttacatgcat	gtaathnatic	caatttgtgg	ata	293

<210> 23673

<211> 270

<212> DNA

<213> Homo sapiens

<400> 23673

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tacgtcccc	actattattg	tggtgctgtc	tatctcattt	ctcaggctca	gtagtaatta	120
mctactagat	tatggttgcc	tctgctgagt	catacaggct	accaggggag	tgaggggaacc	180
ccagcagtc	caggcctcac	cccactccca	cacagcccac	agtccccaaa	gctggtctca	240
ctscaccat	gscccaaccc	ccgcccaccc				270

<210> 23674

<211> 59

<212> DNA

<213> Homo sapiens

<400> 23674

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<210> 23675

<211> 395

<212> DNA

<213> Homo sapiens

<400> 23675

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ttcttttct	caaaggtgcc	ctagtgccat	gatttaaata	tttttattac	cattttgaaa	120
tgagagaagcc	attctgcata	tgcctttgaa	ttcctgcccc	tctttaccac	ctcttcctcc	180
ccctcaaagg	aaaaacattt	catccaagta	agttaacggc	attttctgta	ggattttctt	240
atgcactgca	cactctggac	ctcacctgca	gatacagttc	cccccttgcc	aggagcatct	300
gcatgtggta	ckhctctttt	ccctcagttg	atattttctta	tatgatattc	tagatactat	360
agaactcaat	ttgtcagatt	cagtataacc	tcaga			395

<210> 23676
 <211> 98
 <212> DNA
 <213> Homo sapiens

<400> 23676						
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ggggaccatc	caccagcca	ggggaggatc	ccgagagc			98

<210> 23677
 <211> 190
 <212> DNA
 <213> Homo sapiens

<400> 23677						
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gtggtttira	tctctttgac	cttgtgctct	gccaccttg	gcctcccaa	atgswrggat	180
tccccacgtg						190

<210> 23678
 <211> 161
 <212> DNA
 <213> Homo sapiens

<400> 23678						
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cttcagcct	gcgacctg	gagaaaaaaa	attacttatt	ttcttgcccc	atacatacct	120
tgaggcgagc	aaaaaaatta	aattttaacc	atgagggag	t		161

<210> 23679
 <211> 185
 <212> DNA
 <213> Homo sapiens

<400> 23679						
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gactctttat	gaaacattta	atgagaaatg	tgacttgctt	tggtgcctat	ggttgaattt	120
gttgcgatgc	ttctgacatt	atgaaaattt	tcaaacatgc	aaaaaagttc	cagtagttat	180
ccagt						185

<210> 23680
 <211> 202
 <212> DNA
 <213> Homo sapiens

<400> 23680

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ttaacataacc	ttaagtcttt	cttttaaggt	gtaaaacttt	gggggtctta	gtataatttac	120
agaaatgtca	acaatcacca	ctatctaatt	ccagaatatt	ggcatcatca	caaaatgaca	180
ctctgtactc	attgagagca	ac				202

<210> 23681
 <211> 324
 <212> DNA
 <213> Homo sapiens

<400> 23681						
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agtattcaat	atgagcttcc	agcctgaagt	tttattttaat	ttcagggttat	aaccttaaat	120
aaacaatttt	cctagcctca	ttaatgctta	atctaattgtt	gcataacaaa	gtatggactt	180
ccttagtcgg	ttgatgctac	tgagaatgtg	caaattgtgtc	acggccacat	accagtacat	240
tagadwhctc	tgtttttaaa	cgggtgtccct	cttctasraa	cgttgtctat	cctcactgct	300
cacagtgtgc	tcctcaggcc	agca				324

<210> 23682
 <211> 107
 <212> DNA
 <213> Homo sapiens

<400> 23682						
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<210> 23683
 <211> 315
 <212> DNA
 <213> Homo sapiens

<400> 23683						
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gaattacagt	gatattgcta	acaagtcgtc	tgtgagatac	tctgaagggtg	cctttgcatg	120
tttctcact	gtccacata	tgctcttctg	tttcatatta	ctgaaataga	tcttgccata	180
gcccctagat	tgagaaacaa	gcataagatt	aacttgaghh	taacctaatg	ctactgctat	240
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agatgaagaa	ggaac					315

<210> 23684
 <211> 107
 <212> DNA
 <213> Homo sapiens

<400> 23684						
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<210> 23685
 <211> 81
 <212> DNA
 <213> Homo sapiens

<400> 23685
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ccccaccttt ttttttttt t 81

<210> 23686
<211> 133
<212> DNA
<213> Homo sapiens

<400> 23686
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acacaccagc taa 133

<210> 23687
<211> 404
<212> DNA
<213> Homo sapiens

<400> 23687
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atattttcgt gaaaacttca cagttccggg cggctgggac taca 404

<210> 23688
<211> 124
<212> DNA
<213> Homo sapiens

<400> 23688
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tgtcggattt atctttcccc atatccaagt accaatgctg ttgtaaaca cgtgtatagt 120
gccc 124

<210> 23689
<211> 189
<212> DNA
<213> Homo sapiens

<400> 23689
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ttgactgggt ggacattgca tcaaatacac gccccatgta tcctttctgt cgtaaagtta 180
agaacgctg 189

<210> 23690
<211> 322
<212> DNA
<213> Homo sapiens

<400> 23690
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 cagaagaggc caggctagga tactcgaaga tacagtgcag gatgcctttc tcctttcctg 120
 gaagttattc ctcatctact tctagatgaa agtgcttcca ggcaattgac aagtgcagag 180
 agactgcaga ggggtgggaga ggtggcagca gcaactacag cggaaagaga ggcaaatgca 240
 ttgagaggca gctcccagcc ataagggtgtc actgctgttt gaaagttgat tcaatcaata 300
 ttaataacat gatgccaaca cc 322

<210> 23691
 <211> 497
 <212> DNA
 <213> Homo sapiens

<400> 23691
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 ctgatgtgac attatgccac ttctttcttt tggttctccc ttattaactt ggcattttta 180
 atttgaccat agagccaaat tagttctcca tgctttcttc gtagaaaatc cttttttttc 240
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 ttttttcagc ctaaaactct gttgaaatct gtgatcaaaa tgttttaaac tatccaaaaa 420
 aaatttgtat atttgggaaa atggattttt tacatagctt ttgtatgcag atataaaaact 480
 gtadyaatga atatagt 497

<210> 23692
 <211> 112
 <212> DNA
 <213> Homo sapiens

<400> 23692
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 cacacacgca cgcaggcaca cacacacaca cacacacaca cacacacaac ac 112

<210> 23693
 <211> 380
 <212> DNA
 <213> Homo sapiens

<400> 23693
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 gaaggattta ggggaaggatc ctctctttcc ctcttccagc atctgggtggc cccaggggct 120
 ccttgattgg tggtagcata actctgatct ctttctctgt catcacatgg ccgcattctc 180
 tgttactgtg tccaaatctc cctttctttt cttttataaa gatgctaatac attggattta 240
 gggctcaccc taaatccatg ataattttca tcagaagatc cttaactata tctgcaaaga 300
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 ctattcaact caccacgaac 380

<210> 23694
 <211> 327
 <212> DNA
 <213> Homo sapiens

<400> 23694
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ctccagcctg	ggtgacagag	tgagaccctg	ttggtaatac	agccccttgg	aggagaaaga	180
cacggatcaa	caaataattga	ctaacttctt	acaagttatt	gtaccaaaca	tatggggaat	240
acaaggaaat	ataagtcattg	cactagacca	caaaagactc	ataatctagg	tggcagaatg	300
gttgaaagtt	agaatgcacg	agggcac				327

<210> 23695
 <211> 140
 <212> DNA
 <213> Homo sapiens

<400> 23695						
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aaatatggct	ttttgttttt	ctttttgggt	ttttgttttt	tgttttttga	gagtggacat	120
ctgtaccttt	ttaccgacct					140

<210> 23696
 <211> 240
 <212> DNA
 <213> Homo sapiens

<400> 23696						
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cttgatgatg	tcccacaggt	cccttggaact	ctgtttactt	ttcttcattt	ttctttctgt	180
tcctcatact	ggatgattga	ttgattgatt	gattgattta	gactgaactc	aaaccatgac	240

<210> 23697
 <211> 424
 <212> DNA
 <213> Homo sapiens

<400> 23697						
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cgtgcgtccc	tggcgcttcc	ttcttctctt	ccggcggaga	gcttgggatg	tggtaatgcc	180
agccacactc	ctcagagccg	tggccagatc	tcattcatata	ttatcaaaaag	cacatcagtg	240
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agatggatac atagcttggt gattttgccca gcttgatttt cttttgcagt tttagaattg 180
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<212> DNA
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gggtggcaatt ttatgctcag gtttgtccac tggagctttt caagataaag acgtgaataa 180
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<211> 139
<212> DNA
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<212> DNA
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<211> 431
<212> DNA
<213> Homo sapiens

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tcggtgggtc tctgcagcgvn cagtcocctgc agggcattgg cacggacgtc tacctgcggc 360
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<211> 335
<212> DNA
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tggtgcaact actcaactct gccgttttag cacaaaagga gctctagata atgcatcaat 180
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<211> 141
<212> DNA
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cctgacctcg tgatccacct c 141

<210> 23706
<211> 99
<212> DNA
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<400> 23706
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<210> 23707
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<212> DNA
<213> Homo sapiens

<400> 23707
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atgaaaatgt ggtgaaagat tggtcaccgc tggttttctg ttctaccata aggcaattat 180
cagagtggaa tggccaccac aatggggagc tggaaatatg atttttaaag tcctctctag 240
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<210> 23708
<211> 62
<212> DNA
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gt 62

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<210> 23710
 <211> 261
 <212> DNA
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 gcaaaccaaa aaaaaaaaaa a 261

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 <212> DNA
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 <212> DNA
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<210> 23713
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<212> DNA

<213> Homo sapiens

<400> 23718

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cactatcagt	tttagtatct	tgaggcttca	agaactgtc	tacctagcac	caccaccttc	180
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<210> 23719

<211> 192

<212> DNA

<213> Homo sapiens

<400> 23719

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ataaagaatt	gggagtcaaa	tgcagagtga	ggcaggtgaa	tactatgtga	ggagattttgc	180
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<210> 23720

<211> 371

<212> DNA

<213> Homo sapiens

<400> 23720

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gtgcagtggc	tcatgcctgt	aatcccagca	ctttgggagg	ctgaggcagg	tggatcacct	240
aaggtcagga	gttcgagacc	agcctggcca	acatggtgaa	accctgtctg	tactaaaaaa	300
tacaaaaatt	agctgggcgt	ggtgtcatgt	acctgtaatc	ccagctactc	aagaggctga	360
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<210> 23721

<211> 65

<212> DNA

<213> Homo sapiens

<400> 23721

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aaaaaa 65
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<210> 23722

<211> 138

<212> DNA

<213> Homo sapiens

<400> 23722

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tgatcctctc ccacctcc 138

<210> 23723
<211> 95
<212> DNA
<213> Homo sapiens

<400> 23723
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atgtcatctt tgctcatgtg ttataagccc caagt 95

<210> 23724
<211> 213
<212> DNA
<213> Homo sapiens

<400> 23724
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gcaatcagca acatttagaa gtaggaaact acagaaaaat aacctggagt ttcaatagtt 180
gccaatagat atgaaaaaaa agatggaggg tcc 213

<210> 23725
<211> 112
<212> DNA
<213> Homo sapiens

<400> 23725
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<210> 23726
<211> 59
<212> DNA
<213> Homo sapiens

<400> 23726
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<210> 23727
<211> 272
<212> DNA
<213> Homo sapiens

<400> 23727
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gcgcgttctg cgtcgcctcg ctgatgatca gcagcaaaat gaagtcgaac gtcgacagct 180
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gcgcgcgcag gatcgtgtcc accgccgggc ac 272

<210> 23728

<211> 95
<212> DNA
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<400> 23728
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tgccctacac ctgctgcatc aggaacacga caaga 95

<210> 23729
<211> 413
<212> DNA
<213> Homo sapiens

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ttttgctctg cagaaggat ctcaatataa tttatcaata cttcataatt gcataattca 180
cataattcac acaagtacat atgtaatggc natgaagcat gggtattatt aatatgatat 240
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gcaattaaat tttgtaccca ttgtattgaa gaataatgct cttttctata aagtaaata 360
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<210> 23730
<211> 91
<212> DNA
<213> Homo sapiens

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agccactcta gcaattcaat ttaaccacaca t 91

<210> 23731
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<212> DNA
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aggctgggtc tatgggtaaa accacaattc cttatcatct tttcacatga gctttagcta 240
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<210> 23732
<211> 118
<212> DNA
<213> Homo sapiens

<400> 23732
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gctgaggggtg agaggcacgc taaactgctc ggctccgccg cataacgaag cgacaatg 118

<210> 23733
<211> 231

<212> DNA
<213> Homo sapiens

<400> 23733
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tagaaagctg aaactggatc ccttccttac accctataca raaattaatt cawgatkvat 120
taamgactta aacgttagac ctrraacaat taaaacccta gaagamaacc taggcattac 180
cattcaggac acaggcatgg gcaaggactt catgtctaaa acaccaaaaag c 231

<210> 23734
<211> 417
<212> DNA
<213> Homo sapiens

<400> 23734
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acatgtatac ctagrnmagt cttttaccta aagttagtct agaaaagtac atatatatag 360
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<210> 23735
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<212> DNA
<213> Homo sapiens

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gctttgaaga aaaggggata aagaacgaca ggcctgagga ccagttgagc tatgatattg 360
gcttgtgtgt atgtctatgt gtatatatta tatatacatt agacacacat atacattatt 420
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<211> 182
<212> DNA
<213> Homo sapiens

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ggtcttacat ttaagtcttt aatccatgtt gagttaattt ttgtgtaagg tgtaaggaag 180
gt 182

<210> 23737
<211> 93
<212> DNA
<213> Homo sapiens

<400> 23737
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gagccggctt caggaactgc gcaagaagga ggt 93

<210> 23738
<211> 193
<212> DNA
<213> Homo sapiens

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tttccccgtg gatttccgag gagaggttct gcaggatgcc cccaggtgat cctccgactg 120
tgaaaaacca gacctctggc tgccctggctc cctaggaatc aagaagacgc acagactgaa 180
aatcaaggga agt 193

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<211> 189
<212> DNA
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<210> 23740
<211> 204
<212> DNA
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tcctgagaaa gtgtcacag tgct 204

<210> 23741
<211> 98
<212> DNA
<213> Homo sapiens

<400> 23741
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<210> 23742
<211> 130
<212> DNA
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ccacaagcga 130

<210> 23743
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<212> DNA
<213> Homo sapiens

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atggaanaag ttatcttttt ctccgtgtata tatattacta tatcttcgag aacgtgtttc 120
ctccttttga ttagtttcct gttgctgatg taggcaaatt accataaact tgggtgactta 180
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<210> 23744
<211> 464
<212> DNA
<213> Homo sapiens

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<210> 23745
<211> 134
<212> DNA
<213> Homo sapiens

<400> 23745
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attaccaaca tttc 134

<210> 23746
<211> 139
<212> DNA
<213> Homo sapiens

<400> 23746
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tgggggatgm mgataaaaga attacatatg aagattcasa accatccaca ggmatgamtt 120
acacgccctc catgcatca 139

<210> 23747
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<212> DNA

<213> Homo sapiens

<400> 23747

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<210> 23748

<211> 202

<212> DNA

<213> Homo sapiens

<400> 23748

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tgagacccca	tctttacaaa	aactaaaaaa	attagctggg	catgaagatg	catacctgcg	180
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<210> 23749

<211> 259

<212> DNA

<213> Homo sapiens

<400> 23749

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sgggagtggg	aaagacaggg	tcattgggag	ccctggccac	taggagacgg	aaatgcggga	180
gcgaggggaag	ggasgggtct	ggcctgggta	aagttcccca	gtgcctcctt	gtgcatagac	240
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<211> 328

<212> DNA

<213> Homo sapiens

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ataattttctg	caatagtagc	tgccattaac	atcaccattt	tatagatgag	aaaactgagg	180
caaacagaga	gtttacagta	gagctgggac	ttcaacctgg	aattttactt	ctggaatatg	240
tactcttaac	tactgttata	tggtcttcaa	attaactgac	ttacctctag	ggaatacagt	300
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<210> 23751

<211> 425

<212> DNA

<213> Homo sapiens

<400> 23751

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aaagctacac	aaatactgac	atctagttag	taaatctggt	tcagagatat	gactagcagt	180
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aagtctaaat acaaaaatac atttgtggaa tttggmtggt cagctttttt caagtcmkha 360
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<211> 416
<212> DNA
<213> Homo sapiens

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<212> DNA
<213> Homo sapiens

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<210> 23755
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<212> DNA
<213> Homo sapiens

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<210> 23756
<211> 185
<212> DNA
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cttgt 185

<210> 23757
<211> 301
<212> DNA
<213> Homo sapiens

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gtgaagtatt atactgccat taaaataatt atttgaaga ctgtagaaac gtggacatgt 180
ttratatggg aagtaaaatg agcacaatac aaaatagtat gcatactatg attgtgactt 240
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<210> 23758
<211> 228
<212> DNA
<213> Homo sapiens

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<210> 23759
<211> 383
<212> DNA
<213> Homo sapiens

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tgttgggaaa ataggaaaaa caaaaccaca ggtagctaa acccttaacc ttattgtstc 180
taggcagtac agtgctgtga ttgaratggt ttaggatgat gactggcatt ggaatcatct 240
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aataaatttt ggcaatgatt gatacacaag aaaagggtta actcttagta aaccagarda 360
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<210> 23760
<211> 122
<212> DNA
<213> Homo sapiens

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<210> 23761
<211> 364
<212> DNA
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tgtagaacct aagacacctg ccagttgggt agtcattcta ttgctatggc ttcagaggac 240
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<211> 321
<212> DNA
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gaadacagca aaaagagggg gggtagctga ccagagatca cagtacatta gggtgccaag 240
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aatctttaac tagaascggg a 321

<210> 23763
<211> 397
<212> DNA
<213> Homo sapiens

<400> 23763
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<210> 23764
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<212> DNA
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caccacaggc accaggccct atgggcaaat tacatcaaga accatccttt ttcttcaaag 180
gttcaagggt ggccccagat aacattttta taagctgcat 220

<210> 23765
<211> 363

<212> DNA
<213> Homo sapiens

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gagcatttgt aaaatttagt tgcttttagag ttatacaaat ctttttatta ccatttatta 360
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<210> 23766
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<212> DNA
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<400> 23766
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gtaagtatta agactgttta tgttggtgtg tttctgcaac tgactgcaaa cacgtgtgta 180
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<210> 23767
<211> 104
<212> DNA
<213> Homo sapiens

<400> 23767
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gagctgcggg gaggattaga caggcaggaa gaaataccgg acaa 104

<210> 23768
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<212> DNA
<213> Homo sapiens

<400> 23768
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<210> 23769
<211> 194
<212> DNA
<213> Homo sapiens

<400> 23769
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agttactaac acatttcctt gtctatatct agctacctta ttagatatta aatgatcgaa 120
tgagggttaa atgattattt catgtaaagc tcttagccct gtgcctggka catagtaaat 180
gctaaataaa tagt 194

<210> 23770
<211> 168
<212> DNA

<213> Homo sapiens

<400> 23770

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gagtcggtag	tctgtccgac	cgtaccatta	ggcgctggg	ccggagga		168

<210> 23771

<211> 224

<212> DNA

<213> Homo sapiens

<400> 23771

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ctttttttga	ggttaagaaa	aatgattcat	gtaaaaaaat	ttatctttta	tacagtaact	180
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<210> 23772

<211> 350

<212> DNA

<213> Homo sapiens

<400> 23772

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ccgcatggac	agcaccggtg	tacccgaccg	catccaggtc	accacagaca	tgtaccagg	180
gctggctgcc	aacacgtacc	agctggagtg	ccggggcgctg	gtcaagggtca	agggcaaagg	240
cgagatgatg	acctacttcc	tcaatggagg	gccccgctc	agttagcagc	tgttggccaa	300
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<210> 23773

<211> 193

<212> DNA

<213> Homo sapiens

<400> 23773

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ccaagcagaa	taaacagaaa	ttcacacctg	catgcatcat	aattaaactg	cagagtactg	180
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<210> 23774

<211> 373

<212> DNA

<213> Homo sapiens

<400> 23774

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tggcaagaaa	acaaagcaca	aaatgcctcc	ccgggatgta	agcgtctctg	ccctgcagcc	300
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cgasaacttt caa

373

<210> 23775
<211> 160
<212> DNA
<213> Homo sapiens

<400> 23775
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<210> 23776
<211> 60
<212> DNA
<213> Homo sapiens

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<210> 23777
<211> 105
<212> DNA
<213> Homo sapiens

<400> 23777
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<210> 23778
<211> 345
<212> DNA
<213> Homo sapiens

<400> 23778
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gcgaaaaatg taagttaaaa tcaaaaagca ttcagaaaag ggtga 345

<210> 23779
<211> 105
<212> DNA
<213> Homo sapiens

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<210> 23780
<211> 209
<212> DNA

<213> Homo sapiens

<400> 23780

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accctgctga	gggtactcag	agctggaaga	agtgtcgatg	agggaccccc	ctaagggcac	180
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<210> 23781

<211> 252

<212> DNA

<213> Homo sapiens

<400> 23781

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aatctgccta	taaaattaat	gtttcagttt	atttttcaga	ttacatgcct	ttctttataa	180
gggatgctgg	cacagacccc	ctaaaataag	cttttggtag	tactgtacct	ttgaagagtg	240
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<210> 23782

<211> 428

<212> DNA

<213> Homo sapiens

<400> 23782

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<210> 23783

<211> 146

<212> DNA

<213> Homo sapiens

<400> 23783

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<210> 23784

<211> 167

<212> DNA

<213> Homo sapiens

<400> 23784

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<210> 23785
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<212> DNA
<213> Homo sapiens

<400> 23785
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<210> 23786
<211> 350
<212> DNA
<213> Homo sapiens

<400> 23786
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aaaaattaga agaaaataac atcatgactc aagaatcaag agcttgctca tcagtttgga 120
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<210> 23787
<211> 368
<212> DNA
<213> Homo sapiens

<400> 23787
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<210> 23788
<211> 209
<212> DNA
<213> Homo sapiens

<400> 23788
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gcattgtagg acagctgaga attatcacat agcctaaatt ctagcctggc agcaagagtc 180
acatctgaga tgtccaaaaa aaaaaaaaaa 209

<210> 23789
<211> 202
<212> DNA
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<400> 23789

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<210> 23790
<211> 201
<212> DNA
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<400> 23790
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tagatcccct gttagcaaac ctgctgggtt aagggaatga tcagtgggta atgttaaadc 180
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<210> 23791
<211> 79
<212> DNA
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<400> 23791
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tgtggaattg aagggcact 79

<210> 23792
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<212> DNA
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<211> 227
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<210> 23794
<211> 112
<212> DNA
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<400> 23794
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<210> 23795
<211> 214
<212> DNA
<213> Homo sapiens

<400> 23795
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aagctttgaa aataacatgt tacacataaa gaaactgagg ctgagaaaaat ggaaatgatt 180
tgagcaaaat cactggacaa cttaaaggca gaca 214

<210> 23796
<211> 160
<212> DNA
<213> Homo sapiens

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ctgagtcaca ttggaagaag aactgtcttg ggccaccatt 160

<210> 23797
<211> 178
<212> DNA
<213> Homo sapiens

<400> 23797
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<210> 23798
<211> 174
<212> DNA
<213> Homo sapiens

<400> 23798
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<210> 23799
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<212> DNA
<213> Homo sapiens

<400> 23799
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tcattggttt	caaagaacat	ctttnatttc	tgccttcatt	tcattatgta	cccagtagtc	420
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 <212> DNA
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<400> 23800						
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acatacatte	tatcatctca	atctctgtgt	acatgtgtcg	gaaggaaata	gatcaaaatg	180
ataatagctt	ctgtcaccca	ctgggctgta	ggattttgat	ggaatgattt	ttatgttctt	240
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 <212> DNA
 <213> Homo sapiens

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 <212> DNA
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<400> 23802						
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ttgcagctgt	caggtgctat	tctttttcta	ctttgttgaa	agacttccta	cttcctcttt	240
gactcatgac	ttttaaaaaat	agcaggacag	gctgggcaca	gtggctcacg	ccccttgatc	300
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 <212> DNA
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<400> 23803						
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aagaataaaa	taaaaattgg	aaataattgg	ccaaaattga	aaggaaaaat	ttttttaaaa	300
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<210> 23804

<211> 279
<212> DNA
<213> Homo sapiens

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aatcccagca ctttgggaca ccgaggcagg tggatcgctt gaggtcagga gttcaagacc 180
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<210> 23805
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<212> DNA
<213> Homo sapiens

<400> 23805
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<211> 158
<212> DNA
<213> Homo sapiens

<400> 23806
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<211> 146
<212> DNA
<213> Homo sapiens

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agagaaacac caccaagttc cttgcagaga aaggcatttg ataaaatgtg tgttgaataa 120
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<211> 123
<212> DNA
<213> Homo sapiens

<400> 23808
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cca 123

<210> 23809
<211> 186
<212> DNA
<213> Homo sapiens

<400> 23809
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<211> 452
<212> DNA
<213> Homo sapiens

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<210> 23811
<211> 307
<212> DNA
<213> Homo sapiens

<400> 23811
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agataaatag ttcactcagt tgtacaaagc acaactagaa ctttttgttg ggaggcttac 120
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gggtgctg 307

<210> 23812
<211> 348
<212> DNA
<213> Homo sapiens

<400> 23812
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aggataaatg cttaagttcc tcttggtgac ttatattagc ccatgattca acaatcaact 180
gtctagatga aaaataaaaa ttcaagagtt tagatgccta catatataac acatttgatg 240
caaacaatct gaataatggg acatttcaaa aataattttc tcctctgtta ttatgtttctc 300
ttaaaaaaac caaatatctg attaaataac attatttttag agggaatt 348

<210> 23813
<211> 469

<212> DNA
<213> Homo sapiens

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ccatttcagt gaatctcaga tctgtatctc cagccctcgc ctctcttgag tggcagataa 120
atgtatttct aactagttac aaaaatatat ttctaactag ttacaaacac tatcacgaat 180
ttcaaactca ggaagtctta aagtaaattt attatctcac tctcctgttt ccacgaactt 240
tcccgaattt ttcttctttc ccgcccttgc gaatcccttg catttctcag ttaaaggaca 300
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cgcttgaggc cgggtcccgc tcccacmctg cagggaccca attctgggc 469

<210> 23814
<211> 296
<212> DNA
<213> Homo sapiens

<400> 23814
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gtgctgttgt gatgattaaa tgaaatcaca gatgtaaaga gtgcttggtg caacaggagg 180
cacagggtaa atgcttggtt aatggaacta ctgtcattat caccatctg gctgcatgtt 240
acaagggtcaa tgagataatg gatacaaaaat gtaaactaga tgaacataaa gggcga 296

<210> 23815
<211> 227
<212> DNA
<213> Homo sapiens

<400> 23815
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ttcttcttaa aaccagactt attattttat ttgctttcat tttatcaccc atcaggcata 180
ttgaagaatc tcaaagagca gaattgcgtt gcgactgtac cccact 227

<210> 23816
<211> 412
<212> DNA
<213> Homo sapiens

<400> 23816
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accagtactt agacttcaaa agaacgcctc agggctctgg tctccttccct gtgcacttag 180
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<210> 23817
<211> 457
<212> DNA
<213> Homo sapiens

<400> 23817
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 aacacagcaa tatactgagg tctcacattc tcacggcttg tcttcctaca cttattccaa 360
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<210> 23818
 <211> 183
 <212> DNA
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<400> 23818
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 aca 183

<210> 23819
 <211> 180
 <212> DNA
 <213> Homo sapiens

<400> 23819
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 aatcccttag catttgcttg tctgtaaagg attttttcac ttatgaagct tagtttgact 120
 gcatatgaaa ttctggggtg aaattctttt ctttaagaat gttgaatatt ggccccaca 180

<210> 23820
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 <212> DNA
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<400> 23820
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 gctgagacga caggcatatg ccaccttgcc tggctatctt tgtgtttcta gtattttgta 180
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<210> 23821
 <211> 413
 <212> DNA
 <213> Homo sapiens

<400> 23821
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gaacaacttg actacttggg gtgggggacy cwttgacaag gtggctggct gcactcctgt 360
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<210> 23822
<211> 274
<212> DNA
<213> Homo sapiens

<400> 23822
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tcacaagatt cgaggacat gtaggtcttt tacgtagccc aaatccataa attagtctca 120
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aattcttaaa ctgtggaac cactgaaggt ggtt 274

<210> 23823
<211> 371
<212> DNA
<213> Homo sapiens

<400> 23823
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ctcaaggtgt gaattgttat cttcaaactt tgtgcttcca taattgtttt ttctttaata 120
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tggtgcttgt caggggctgg gagaagagga gaataggag ttactattaa tgagtacagg 300
gttgctgatt tbbaaggatg aaaaagttcg ggagatggat ggagataatc gttgtgcaac 360
agggggatat a 371

<210> 23824
<211> 254
<212> DNA
<213> Homo sapiens

<400> 23824
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ccaaattatg aactgtatta aaaaaacact ctcatgtttt ttcttctgaa aatctgatgt 180
tccaacatcc agtccaggac agaagataaa atagagcgat tcaagaaagc agttgagtat 240
tattcagtc cttt 254

<210> 23825
<211> 345
<212> DNA
<213> Homo sapiens

<400> 23825
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gtgggcacat ctctctggcc tgctttcctt gtctgtagat gtttatttgc tccttttttt 300
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<210> 23826
<211> 199
<212> DNA
<213> Homo sapiens

<400> 23826
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atggttttcct aaggaaatgg aggtgctaga ccaggggtgc cttcctatat tagaaggagg 180
agaattatct aggaccatc 199

<210> 23827
<211> 186
<212> DNA
<213> Homo sapiens

<400> 23827
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cccat 186

<210> 23828
<211> 355
<212> DNA
<213> Homo sapiens

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<210> 23829
<211> 216
<212> DNA
<213> Homo sapiens

<400> 23829
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ttcaaaaata gtacaaagag ctctcttacc cagattcact aattgttcat acgtgcttna 180
tctttcatgc tttctctgta cacacacaca cacact 216

<210> 23830
<211> 150
<212> DNA
<213> Homo sapiens

<400> 23830
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cagtctgata tatcttataa atcaaacgtt ggggttgattt atctttttatc acttctaggg 120

acttactcct aacagtaact cacaaaccac 150

<210> 23831
<211> 194
<212> DNA
<213> Homo sapiens

<400> 23831
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ttataacaca agatgaaaca gacaacccaa aattaaacca ttccttttgc catgtgcatg 180
catacacct accg 194

<210> 23832
<211> 135
<212> DNA
<213> Homo sapiens

<400> 23832
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ctgcagggtca tgaggggcct atgcctttac tctttttaaa caccagcacc cgtcttttcc 120
ccaacctaaa accac 135

<210> 23833
<211> 235
<212> DNA
<213> Homo sapiens

<400> 23833
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<210> 23834
<211> 97
<212> DNA
<213> Homo sapiens

<400> 23834
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<210> 23835
<211> 404
<212> DNA
<213> Homo sapiens

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<210> 23836
<211> 486
<212> DNA
<213> Homo sapiens

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<210> 23837
<211> 135
<212> DNA
<213> Homo sapiens

<400> 23837
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cagagcctgg caggg 135

<210> 23838
<211> 248
<212> DNA
<213> Homo sapiens

<400> 23838
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caagaatt 248

<210> 23839
<211> 89
<212> DNA
<213> Homo sapiens

<400> 23839
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aagggggaat gttccattta atggagagg 89

<210> 23840
<211> 154
<212> DNA
<213> Homo sapiens

gctgggatta caggcgtgas taccgcgccc ggca

274

<210> 23845

<211> 226

<212> DNA

<213> Homo sapiens

<400> 23845

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gtctgccctc	agaaagcttt	cagtctggaa	gagaagatga	ttaagggggc	gatcacaaga	180
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<210> 23846

<211> 324

<212> DNA

<213> Homo sapiens

<400> 23846

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tttttttatt	acactttaag	ttctagggtg	catgtgcaca	atgtgcagg	ttgttacata	120
tgtatacatg	tgccatgttg	gtgtgctgca	cccattaact	cgtcatttac	attaggtata	180
tctcctaatt	ctakccctcc	cactccctcc	accccacaac	aggccccagt	gtgtgatgtt	240
cccccatcct	gtgtccaagt	gttctcattg	ttcaattccc	acctatgagt	gagaacatgc	300
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<210> 23847

<211> 244

<212> DNA

<213> Homo sapiens

<400> 23847

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aagatctaaa	ggaggtaagg	tagtgaatta	tatagctatg	tgggaaaaga	acataagcag	180
aaggatgact	aatatgtttg	gaaaatggca	gggcagccag	atggctacaa	tgaagagagg	240
gggg						244

<210> 23848

<211> 478

<212> DNA

<213> Homo sapiens

<400> 23848

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tgggcaacat	agttagacct	tatctctaca	aaaaaagaaa	aagaaaaaaa	aattagccag	180
gcatggtgat	gcacacctgt	agtccacct	agtcgggagg	ctgaggcagg	aggattgctt	240
gagcctggga	ggttgaggcc	tcagttagcc	ttgatcacac	gattgcactc	tagcctgggc	300
aacagagtga	gaccctgtct	tgaaaagaaa	aatgttaagt	aartrataac	agaatcacat	360
ataaggtcaa	agcagtgatg	gctgaaattg	tggatagagt	ggaccaaattg	tgtctgtgct	420
gccttccagc	tctaaaatcc	tgcttcagtg	attcagacca	catagtctcc	cattcaca	478

<210> 23849

<211> 456
 <212> DNA
 <213> Homo sapiens

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 acctgtgtag cctctgtaag tgcttaccca gagaagcagg agcacggcga tctgggtgtt 180
 tgggtgacact tccatctgag agcagggccc aggtggaaga ggcagctgga tgcaggtcca 240
 cgctgctttt atgagctgta aactcaccg ggaagatctg cagcttact cctcagccca 300
 gcaagaccac gagcccaccg ggaggaacga acaactccag aggcgctgcc ttaagagctg 360
 taacactcac cgcgaaggtc tgcagcttca ctctgagcc agcgagacca cgaacccatc 420
 agaaggaaga ractccgaac gcactttaac atcaga 456

<210> 23850
 <211> 103
 <212> DNA
 <213> Homo sapiens

<400> 23850
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 gccctgggac tctgaccctc ggctaccctt tcttgcccca cac 103

<210> 23851
 <211> 103
 <212> DNA
 <213> Homo sapiens

<400> 23851
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 gcacggtggc tcatacttgt aattccagca ctttgggagg cag 103

<210> 23852
 <211> 290
 <212> DNA
 <213> Homo sapiens

<400> 23852
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 gtgkgagctt tggtggagcc tgcgtacgtg gatttatcgc tgccacggtc tgcgtastcc 180
 agaggtttta ccataggata gagaaaccag gtaagtccca cattggcttc ccgtcgtcct 240
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<210> 23853
 <211> 161
 <212> DNA
 <213> Homo sapiens

<400> 23853
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 ttccagcgcc ccctacagcc ttgcaatggc attaaatcac cctgccggac cagttacttt 120
 tgcttgaaaa gttttctttc ttctcaatac ttcgctgctg a 161

<210> 23854
 <211> 458
 <212> DNA
 <213> Homo sapiens

<400> 23854
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 aatcacttga acccaggagg cagagggtgc agtgagcaga gatcatgcca ttgcaactcca 120
 gcctgagcaa cagagcagga ttccatctca aaaaaataaa ataaaaataaa atattggcca 180
 ggcctggttag tgcattcctg tgggtccagc tatttgggag gctgagggtg gaggatcgtt 240
 tgagcctggg aggttgaggc tgcagtgagc cctgtcatgc cactgcactc tagcctggac 300
 gacacagtga gaccttaatc aaacaataaa aataggctgg gcacgggtgg gcaccatgtc 360
 tgtaatccca gcaanbscng gaggcarkgm gggcaaatcg sttwnagctc aggagttcga 420
 raccagcctg gccaacatgg tgaaacccat ctctacca 458

<210> 23855
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 23855
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 gtttggtttt ttttgtttta attttttttt taattattat actttaagtt ttaggggtaca 180
 tgtgcacatt gtgcagggtta gttacatacg tatacatgtg ccatgctggt gtgctgcacc 240
 cactaactcg tcacttagca ttaggtatat ctcccaatgc tatcccttcc ccctcccca 300

<210> 23856
 <211> 446
 <212> DNA
 <213> Homo sapiens

<400> 23856
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 cccattgcat acctaggata aatcccactt ggctgtggtg tataattatt ttatatacatt 180
 gttagatgtg atttgctaata attttgttg gaattttata tctgtgttta tcagagatac 240
 tgggtctgtag ctttctcgga atgactttgt ctggttttgg tattaagtta atgctggcct 300
 cataatgagt taggaggtat tccctcctkc tgcttctatc ttcttaaagg aattgtagat 360
 aattgctaag atttctttct tagatctttg acagaagtga cagtaacccc tatatctata 420
 gccaaactgat ttttgacaaa gttcca 446

<210> 23857
 <211> 164
 <212> DNA
 <213> Homo sapiens

<400> 23857
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 tttttttgag acagtctcac tctgtcacc agcctgaagt gcagtgggtg aattttgact 120
 cactgcaacc tgcaccccc cggttaagt gatcctcca caca 164

<210> 23858
 <211> 375

<212> DNA
<213> Homo sapiens

<400> 23858
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 aatccagtat ttgcagcaga agggattcag tcctgctttg cagtactata cagaccctct 180
 ggtgtctttg gaaaatgttt tgtaactgc tttaccaa atctcttcat caccagaaac 240
 aactgcttaa tggaaaagaa atttgagcat catctgtctt ccaccaaaaa aattttttta 300
 attatatttt tatatcaaaa aaatatatac tttaaatagc aaataatatg aactttaaaa 360
 adttgctgtg gccct 375

<210> 23859
 <211> 168
 <212> DNA
 <213> Homo sapiens

<400> 23859
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 ttggcaccca tccttttttt ctataacaca ataacttaca ttttctgagt gctttacagt 120
 actttttgtt ttgttttgtt tttttgagat ggaatctcac tgtgtcca 168

<210> 23860
 <211> 181
 <212> DNA
 <213> Homo sapiens

<400> 23860
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 tcttcaaata atcaaagata attattattt tgttttgttt ttggaatcaa cagggaggag 180
 c 181

<210> 23861
 <211> 347
 <212> DNA
 <213> Homo sapiens

<400> 23861
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 ttcaccattt cttagaaatt atcttgagtc ctttttactc atcggtttgg caaatatttt 180
 tcagtatata ctctgtgctt ttactagcta taataaaaata aggtaagcat agcccctatt 240
 tttcaagtag gaaggacaga aaccaaaga ataataggta tgtatcagga ttgtcataag 300
 gcataaatga ratacaggca tcatctaacc ttcacacaca actccca 347

<210> 23862
 <211> 207
 <212> DNA
 <213> Homo sapiens

<400> 23862
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<212> DNA
<213> Homo sapiens

<400> 23867
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cccaggatct gaagcttcct ggcttcgtag aagaatcctg tgaacataca gaccaatttc 120
aattgagtn cacaatgcat gagtctatca gagagtattt ggtaaaagac aattttctac 180
aaaggaggcc gg 192

<210> 23868
<211> 174
<212> DNA
<213> Homo sapiens

<400> 23868
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ttgaatgtgt cccagagatt ctggtatgtt gtgtctttgt tctcgttggt ttcaaagaac 120
atctttatct ctgccttcat ttcgttgtgt acccagtagt tcaggagcag gagc 174

<210> 23869
<211> 261
<212> DNA
<213> Homo sapiens

<400> 23869
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acttctcttt gctacttctt cctttgccat ttgcatcttt catttcagaa ttatacaatg 180
tccagggtttt ttctttctac agtataaagc tctgaactcc tgattaatct ttcaatatgt 240
tgaataacat acacacactc c 261

<210> 23870
<211> 183
<212> DNA
<213> Homo sapiens

<400> 23870
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acatgcagg tttgttacata ggtatacatg tgccatgggt atctgttgca cctatcaacc 120
catcatctag gttttaagcc ctgcatgcat tagctatttg tcctaagcc ctcctccac 180
ccg 183

<210> 23871
<211> 348
<212> DNA
<213> Homo sapiens

<400> 23871
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ccgtcaaaac caagaggagt ctaaggagac atgagacatg acagctcagt gtaatgtagt 180
gtcctgggtg ggatcttggg acagaaaaag gccattaggt aaaaactagg ggaattcaaa 240
taaggatatg actttcgtta gtaatgtatc aaaattgggt cattcattat ggcaaatgcc 300
acctattagt ggaagatgtt aatagggaaa actgactaat gggctctgt 348

<210> 23872
<211> 92
<212> DNA
<213> Homo sapiens

<400> 23872
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aacagactcg ctttttaaac tttttttttt tt 92

<210> 23873
<211> 400
<212> DNA
<213> Homo sapiens

<400> 23873
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ggtagtcctt catgattgtg ataagtatga aagaagattg cctctttctg aagcctgtdt 120
tttttgtagt taacaaggcc aggggagact tttgattatt ttttgcttgc atgcctacac 180
atacctaagg aaaaagtaat cacagatccc agtgtcacct taattatgcc attaatTTAA 240
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gtatgggtaa caataaatgg atgtttttat ctaaagtagg aaatcacata aatgaacaaa 360
gagatgcatt gttagtagaa tttttttttt tttttttgga 400

<210> 23874
<211> 120
<212> DNA
<213> Homo sapiens

<400> 23874
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tggaataacg actctgtcag cctgaaggga ttattgtgag gctcacatat cataaaaaat 120

<210> 23875
<211> 259
<212> DNA
<213> Homo sapiens

<400> 23875
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agcctccgcc tcttcttggg ttcaagtgat tctcctgcct cagccttctg agtagatggg 180
actacagaca ctttttcaaa aatggcaatg gtatcagaat tcctcaagca ggctgggtt 240
attgaaaatg aagagcagg 259

<210> 23876
<211> 386
<212> DNA
<213> Homo sapiens

<400> 23876
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tctggagtct ctttaagcccc agccctgttg tcccctacag catctccacc caggaagtcc 120
agttcctaac taatgggaat ggatcctttt cccattataa agggccgatg ctttaaccctt 180

gaaccacta	ctgttcttat	gcccccaagat	ctgcacctta	catcaggcac	ccgggaatgc	240
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<210> 23877
 <211> 158
 <212> DNA
 <213> Homo sapiens

<400> 23877						
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caatgtggga	ggactgcttg	aggccaggag	tttgagacca	gcctgggcaa	catagtgaga	120
tcctgtctgt	acaaaaagaa	aaaaaattag	ccaggcgc			158

<210> 23878
 <211> 197
 <212> DNA
 <213> Homo sapiens

<400> 23878						
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atacacaaaa	ggatttaaca	ggtaataaaa	cacgcctgtg	tactcactac	ttgacgtaag	120
aagtcagaca	ttaacactac	agtggaagtc	cccggtcgtt	cctctctcca	gtgtcatccc	180
ctcactccca	cccaaag					197

<210> 23879
 <211> 187
 <212> DNA
 <213> Homo sapiens

<400> 23879						
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gaaatatggc	ccaaagtgc	ttcctttacc	cagagaaccc	aaaaaggcgg	gaagaagtaa	120
atcgtcttca	ccagcagctt	cttgattgct	tatctgacag	cttcgatgtc	accaataagc	180
tgacaaa						187

<210> 23880
 <211> 199
 <212> DNA
 <213> Homo sapiens

<400> 23880						
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ggagggagt	atgaagacca	gaggaatccc	agaggagaag	ccatctgaga	tcggggaggag	120
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cttgggctgc	atgcgggga					199

<210> 23881
 <211> 423
 <212> DNA
 <213> Homo sapiens

<400> 23881

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cgtttaaaca	cctaagacag	aactacatgc	actgatgtgt	aacagtcttc	aaggtagact	240
ctcaagtga	acagcaaaaa	aagaacaatg	tatacagtct	gctactattg	ttagggcaaa	300
atgaggttgg	agcaggagg	gggtaagtyg	tatgcctaga	taattgtatt	tgcaaaaact	360
ctccaggagg	attccangaa	actggttcta	ttggttgctt	cttgaggga	aaatggggga	420
rga						423

<210> 23882
 <211> 288
 <212> DNA
 <213> Homo sapiens

<400> 23882						
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tttctaacat	aacacactga	cttccacaat	ggttgaacta	gtttacagtc	ccaccaacag	120
tgtaaaagt	ttcctatttc	tccacatcct	ctccagcacc	tggtgtttcc	tgacctttta	180
atgattgcca	ttctaactgg	tgtgagatgg	tgtctcattg	tggttttgat	ttgcaattct	240
ctgatggcca	gtgatgatga	gcattttttt	catgtgtctw	ttggctgc		288

<210> 23883
 <211> 203
 <212> DNA
 <213> Homo sapiens

<400> 23883						
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tgggtaggag	attttaaaaa	gagcttcccc	aggatcattc	cattctgatt	tagaaaactc	120
aagtctgggc	caggtgcggt	astcatgcct	gtaatcacag	cacttacttt	tatagaccag	180
cctctgcctg	tggaaggaa	ggc				203

<210> 23884
 <211> 332
 <212> DNA
 <213> Homo sapiens

<400> 23884						
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ttttcaacaa	tgttttgtag	ggttccaagt	ataagtttta	catttgtttt	gtcatatgta	120
ttcccaagta	ttttattcat	tttgatgcca	ttgcaaatgg	aattattttc	tttttatttt	180
attttattat	tattatactt	taagtttttag	ggtacatgtg	cacaatgtgc	tggttagtta	240
catatgtata	catgtgccat	gctgggtgtg	tgacccatt	aactcgtcat	ttagcattag	300
gtatatctcc	taacactatc	cctcccggcc	tc			332

<210> 23885
 <211> 222
 <212> DNA
 <213> Homo sapiens

<400> 23885						
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acttccaggc	ctcttgaatt	ccatttatct	gtaaaatggg	gctaattcca	cctattttaat	120
gaggtaatga	gtgtgtgtat	gtgtatatcc	ccttagtctg	ccagaaacta	atattatttt	180

aggatagtc acaacaatag ctgtttaatt tggaggagag ga 222

<210> 23886
<211> 215
<212> DNA
<213> Homo sapiens

<400> 23886
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gccatgcaac ggagatcaag agggataaat actggactta ttctactcct ttctcaaata 180
ttccatgttg ggatcaacaa tattccacct gtccc 215

<210> 23887
<211> 357
<212> DNA
<213> Homo sapiens

<400> 23887
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tatgatgagt gactttctgt tgtattctag acattttgca tattatgttt taagactttg 120
gatattatct atataaatct tttatcaggt cttctctaac ctgctgctgat cagtgtaaag 180
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gtctaagcca cacacctgga tttgattcct tgctctttac ccagaagaca tttgatattg 300
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<210> 23888
<211> 247
<212> DNA
<213> Homo sapiens

<400> 23888
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gaactgcttg aaccacaggag gtggaggttg cagttagccg tcatcgcgcc actgagccaa 120
gatcgcgcca ctgcactcca gcctgggcca cagagccaga ctgtctcaa taaataaata 180
tgagataatg cagtcgggag aaggaggagg gagaatttta ttaaattgtga cgaactgccc 240
ccccccc 247

<210> 23889
<211> 180
<212> DNA
<213> Homo sapiens

<400> 23889
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tgcaaaaagg tgatacttaa tgtaccttct aaactagagg cagacaaaat aattggcaat 180

<210> 23890
<211> 123
<212> DNA
<213> Homo sapiens

<400> 23890

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ccc						123

<210> 23891
 <211> 183
 <212> DNA
 <213> Homo sapiens

<400> 23891						
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ctttcgctct	cgctttccaa	tactcgggac	tggggaaacc	gggagaatag	aagcaggtgt	120
ccccagcgca	scaatcggt	tccgaagtag	gtgagttgct	gcctgaagag	aaaagacaaa	180
cga						183

<210> 23892
 <211> 245
 <212> DNA
 <213> Homo sapiens

<400> 23892						
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tatcaacact	atacttaaca	catgtactct	gcattaggtt	ttaattccat	gaattcctat	120
tcatttttta	tttttatgca	tgadagttta	ctgggtaatg	gaatttacca	tccctgttta	180
gattctgcat	tgatgacata	tcctgttcaa	tgtcataacc	cctaattatt	aaccgtgttc	240
acccc						245

<210> 23893
 <211> 160
 <212> DNA
 <213> Homo sapiens

<400> 23893						
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agaagggagg	ggagabgggg	asctgagagg	cgagasgagg	aggaagagga	gagagggcag	120
cagcgcgcg	tgtctccggc	tgctcagtc	gaccgcagct			160

<210> 23894
 <211> 230
 <212> DNA
 <213> Homo sapiens

<400> 23894						
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aggagaatcg	gttgaacctg	ggaggtggag	gttgacgtga	gctgagattg	cgccattgca	120
ctctagcctc	ccgggttcaa	gcaattcttc	tgcttcagcc	tcccagtag	ctgggactac	180
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<210> 23895
 <211> 334
 <212> DNA
 <213> Homo sapiens

<400> 23895


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<210> 23896
<211> 177
<212> DNA
<213> Homo sapiens
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actaaaattt gcagtataga aactctgaaa atgaagacgt gtctttaaga aaatccaaca      60
cagtattttc acaacttgaa ttagcagcag aatgcagcat gaaatgaaca gactttaaaa     120
ccatggaacc gcgttggaat ctgtgtgatc ttaggcgaat tactgatcac cccctct      177
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<210> 23897
<211> 445
<212> DNA
<213> Homo sapiens
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<400>	23897						
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gagagataa	tggcaacaaa	atattggcag	catgggaaat	gacaaaacag	acctgagaaa		120
atgaaattcg	aagccaggag	ggaagacagc	ctagaactaa	cctgacttac	acggcaaaat		180
tcccccaacg	gcgaggtgtc	ttcagaagga	aggatgaggg	ctaaaatggg	gagcggttta		240
aaaactgctt	aagaagtaac	acatatccag	attcataata	taccagatc	tctaactcca		300
accagcagca	aatataaaga	cttattctcc	agawaaggat	aadaggacct	ctgagcggga		360
ctgcwywggc	rcagatgagg	gctgagccca	ccacactgaa	aacmggatta	cctgagcaca		420
tgaqcacagt	cacacaggat	gaccc					445

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<210> 23898
<211> 150
<212> DNA
<213> Homo sapiens
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<400> 23898
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tggtcattg caacctctgc ctcccaggtt caagcgattc tctgctctca gcctcccagag    120
taqctgggat tataggcgca caccaccccg                                     150
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<210> 23899
<211> 134
<212> DNA
<213> Homo sapiens
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```
<400> 23899
atacatcaat gggaaataag gtggaattaa accatttttg gtttagcaga attacaaaaa    60
tgatctttat tatatcatca catttactat ttgggggcat taggataaaa ttagctttaga    120
ataacctgcc aaaa                                     134
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<210> 23900
<211> 277

<212> DNA

<213> Homo sapiens

<400> 23900

acaatgtaat	tgtgatctta	tgtaaagatt	tacctactgt	acagctatta	attgatggca	60
aagttatfff	ggctttgttt	acctatgtta	agaagcctga	gaagcaaaaa	ataattgact	120
ggtctgcagc	acagcatgaa	gaattacaac	tgcatgcaat	tgccactttg	tcatcagtgg	180
ctcctttatt	aatagaagaa	tacatgtcat	gccagggaaa	tgctcgagtc	cttgcatttc	240
tagaatggtg	tgagagtga	gatttcgtgg	gggaaaa			277

<210> 23901

<211> 155

<212> DNA

<213> Homo sapiens

<400> 23901

attattgtta	ttatcattat	tattattatt	attattatta	ttgagatgga	gtcttgckct	60
gtcgcccagg	ctggagtga	gtggcatgg	ctcagctcac	tgcaacctcc	tcctcccggg	120
ttcaagcgat	tctccacct	cagcctccc	ggaca			155

<210> 23902

<211> 134

<212> DNA

<213> Homo sapiens

<400> 23902

tttcatctga	gaggcaacat	aagctgggag	ggaagggctg	caaagagggg	gccaggacra	60
aatgtgttac	ctggggggcc	cccatfittga	ctccaccctg	agctggggct	gggccacagg	120
agggcagagg	gaac					134

<210> 23903

<211> 254

<212> DNA

<213> Homo sapiens

<400> 23903

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asaccgcctc	atcagataag	aacgtctcct	tcgatgtcac	ggatttcaag	aggtagctgg	120
agaaactgac	gtcaggagt	tcctgtgaat	gaacatcgcc	cgaggcctag	caccacaga	180
agaagggttc	tattttactc	tactttgctt	gatgttattt	attttctaac	aaagtgatcc	240
gtagtccgca	accc					254

<210> 23904

<211> 208

<212> DNA

<213> Homo sapiens

<400> 23904

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actgttaact	tggttgtggt	tacagaaaac	tgaaccttgt	gagatgttcc	agtcctggag	120
tgctgtgcat	gcaaactcga	cctatagcac	tccacttcat	ctcctgcccc	cagcccttat	180
aatgttcac	taacataaaa	agggggaag				208

<210> 23905

<211> 256
<212> DNA
<213> Homo sapiens

<400> 23905
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acaattctga ctctgctcag tgggtgccaa aactgttgct cccagatcaa ttgcagacaa 120
gagcagagct ttcactggaa atttcaaaca ggtgggatca acattctgaa ggatttcttt 180
gaagaatttt aacaataaat gaacatgggt ttaccagtac atcctgaaga caaagtacaa 240
tcagatcact ggcac 256

<210> 23906
<211> 202
<212> DNA
<213> Homo sapiens

<400> 23906
ctcagttgca ggtgaagaag gaatatttgg attttctcta tcaacattat taattttttt 60
gattctatat caacattatt aacatttccc ccatatactt ttatttggat attaaaaaaa 120
taagggtata actttcaatc tgacctactc tgactggtac ctggacaata aatgactctt 180
ttaagggaga gctctccacc ca 202

<210> 23907
<211> 317
<212> DNA
<213> Homo sapiens

<400> 23907
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ktatsggcat atgaatttac ctcatTTTTT gtaaatact gatactattc tattgtatat 120
gtgtacttaa tttgcttaaa ttatatTTTc tactagtgga tactttgggt atttccagtc 180
ttttattatg aacactgctg tagtgaaaag gttatacaca agtatttgta cawatatgtg 240
aatatrtctg tatgataaag gagatttttg gatcaaaatg tatgtawrtt tavagtttidg 300
ttaggtattg tatackt 317

<210> 23908
<211> 159
<212> DNA
<213> Homo sapiens

<400> 23908
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aatattttatc actgattgtt ttttaactttt tgttttgaaa taatttcaaa cttaaagaaa 120
agttgcagga atcatgcaga gaactctcat acaccctt 159

<210> 23909
<211> 164
<212> DNA
<213> Homo sapiens

<400> 23909
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tgggatgctt tcatcagaca ttcacccrra gtgaacttag tgatgtattt ttttktatat 120
gaagaagart ttgaccctt ctttcgctat gaaatacctg ccct 164

<210> 23910
 <211> 290
 <212> DNA
 <213> Homo sapiens

<400> 23910
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 gtgggaggcc aaggcggaca gatcactcaa agtcagaagt tcgagaccag cttggccaac 120
 atggcaaac cctgtctcta ctaaaaatac aaaaattagt tgggtgtggt ggcacatgcc 180
 tgtaatccca gccactcggg aggtgaaggc acaagaattg gttgaacctg ggaagcagag 240
 gttgcagtga gctgagattg cactgctgca ctccagcata ggcgtcagat 290

<210> 23911
 <211> 310
 <212> DNA
 <213> Homo sapiens

<400> 23911
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 tgaggttcca aagtcaattt ttttcttttt tttttgagat ggagtcttac tctgtcaccc 120
 aggctggagt gcagtagcac gaycttggct tactgcaacc tctacctcct aggttcaagc 180
 aattgtcctg tctcagcctc ccgagtactg ggactactgt cttgcgccac catgcctggc 240
 taatttttgt atatttagta aagatgggtt ttcgccatgt kggccaggct ggtctcaaac 300
 tcctagcccc 310

<210> 23912
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 23912
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 tgtgttttaa aaatgcaaac caatatcttg ttaataaagg aattcaagct atggggcagc 180
 cacactcccc tcttcccagg ctggcatagg tggccctggg ctggcggctt aggaagcatg 240
 gagcacactt agggtagtgc ctgcctgggc aagagacacc tgccgagcaa aaggaacgag 300
 aatctggggc tcagagcctc gcagttgtgc caggattttc ctatacatgt kca 353

<210> 23913
 <211> 237
 <212> DNA
 <213> Homo sapiens

<400> 23913
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 catatataca gttgtctgtc tgccacagtg atcatgatac agaacacttt ctttaccctg 180
 aaaacttctc atttttcctt ttgcagtcaa tcccctgctc ctatccttgg ccccaat 237

<210> 23914
 <211> 225
 <212> DNA
 <213> Homo sapiens

<400> 23914
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 gtattttaat agggattgca ttgactctgt agattgtttt gaatagtatg gtcataattaa 120
 caacattaat tcttttgatc cataagcaga ggatgtcttt tcatttgdkd gtatkctctk 180
 cagtdtcttt catcagwgtt ttgtagtwtt ctttgkagar gatcc 225

<210> 23915
 <211> 117
 <212> DNA
 <213> Homo sapiens

<400> 23915
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 atccagtttt ctaggtcact tataagagct ttttatacct tgttttatgg gcagcca 117

<210> 23916
 <211> 351
 <212> DNA
 <213> Homo sapiens

<400> 23916
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 gggtgtatgg ctgtnggtga tgtgctgttg gtacacaatt gtgcctgtgt ctcaacactg 120
 ctctgggata tacaactaga aatcacattg gaataggagg ccttcaagat tttgtgctga 180
 aatctgcaac actgtgtagc ctgccatcct gccaccatt tataccactc aacttcgaag 240
 ccactcctat tgtgagagth gctgttgaac yaaaacatcc aagtttgcaa agattcatat 300
 cagtgtatct gaacctatta ttccattcag agaaacaatc acaaaacccc c 351

<210> 23917
 <211> 57
 <212> DNA
 <213> Homo sapiens

<400> 23917
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<210> 23918
 <211> 365
 <212> DNA
 <213> Homo sapiens

<400> 23918
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 atagctcact gtaacatcaa actcctcagc tccagagatc ctcttgctc agcctcccg 120
 gtagctggga gtatgggcat gccactacac ctggctcatt taaaaatttt tttgtagaga 180
 cggggctctt ctatgttgcc caggctggcc ttgaactcct ggcttcaaag gatcctcctg 240
 ccttggcctc ccaaggtgct gggattacac acgagtnact gcacttggcc ctaaataatag 300
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 ctcac 365

<210> 23919
 <211> 243
 <212> DNA

<213> Homo sapiens

<400> 23919

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cgccccacgc	gggcccttcc	tcggcagact	tcccaacctc	tacttgagcc	gcagaggaaa	120
gtgagacccc	ctaggctctc	ctgaagccag	ctctgggccc	ctccccaagg	atgctttggg	180
aaggagataa	ggaggtkwga	tagaatctgg	cagagacgga	agatgaaaaa	aagaccaacg	240
aaa						243

<210> 23920

<211> 253

<212> DNA

<213> Homo sapiens

<400> 23920

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aaactccata	ccctttagct	cttagtttca	gtctcctcat	ttccctcagc	cctaagcaac	120
cattaatcta	gtttctgttt	ctatagattt	gcctatwctg	gtttcaaagt	gggaatatca	180
catttagtct	tttatgactg	acttttttta	ttagtatgtw	ttcagggtgt	tctttcacat	240
tgtagcatgt	aca					253

<210> 23921

<211> 321

<212> DNA

<213> Homo sapiens

<400> 23921

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attgtttcat	tagataattg	aaacaacctt	ttggattttt	tagctttgca	ttttaaaaat	120
gtcttaatgg	tttatttaac	taaagggtgga	tttctggcac	taatttatct	ttatttttct	180
tggcttcttc	aaggacagta	atagagtgtg	aatgtttgga	ttttactgtc	catgacttta	240
tggtttgatc	atztatagcc	agctcagcct	tgcatacaga	tttaagacag	tttatgaacc	300
taaacttttt	ttccccacc	t				321

<210> 23922

<211> 119

<212> DNA

<213> Homo sapiens

<400> 23922

ctctttccgc	catctttcsg	cgccgccaca	atgggtgcgca	tgaatgtcct	ggcagatgct	60
ctcaagagta	tcaacaatgc	cgaaaagaga	ggcaaacgcc	aggtgcttat	taggccgct	119

<210> 23923

<211> 80

<212> DNA

<213> Homo sapiens

<400> 23923

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tttttttttt	tttttttttt					80

<210> 23924

<211> 463

<212> DNA
<213> Homo sapiens

<400> 23924
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tcttttcatt ttacctgaat aatttcacac tctccattac tcatgtcctc ctaaggtctc 180
ctgtggagag tgaatatttc catcgcaatt acttgctact ttcaatgttc tcaatgtcct 240
attggactca ctagggttta gctctgtggt tgacacatag atatgcagat tttcaaatgt 300
ctggaatgtg ttactctact acatgttttt tgaaatggaa acagatggaa tgactggcta 360
ctgtaataat actacagcag ctccataatg catgaratcc taaaaagtat gtaatattat 420
aagtatcttt tcaatacagg tttcattgct attattcatc agt 463

<210> 23925
<211> 394
<212> DNA
<213> Homo sapiens

<400> 23925
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tcccaaatat gaccttctct atcaagacat ttagtacatt aattgctgtc aaagatgaag 120
aagaaggcac atcttgacac agtacctgaa tccagctgtg ctgtgtttct ggagtccttt 180
ggaaacatgt gtcccagagg agaagaggtt tgacttgctg gtagaaaacc cggcccctga 240
ggaaaagacc ccactgggtc tctgatgacc tgggatgcct aactgtctac tccctgcaag 300
cctcagagca gccaaatcat tgggtgttcat tttccccaca gtgatttttg taacttctct 360
ttctaattgtw tttctttatc cctttaatac agaa 394

<210> 23926
<211> 164
<212> DNA
<213> Homo sapiens

<400> 23926
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tagaactgat aatactgatt attcattaat tggaggaagg aacattagta ttgaaatgcc 120
gttaacattt taaaaaataa taattattat catagcctta ccca 164

<210> 23927
<211> 232
<212> DNA
<213> Homo sapiens

<400> 23927
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gcaagagtac acatctggag catgagggac tctagcatga ctgcgtcagat gcacacccca 120
agagacaaga atgtgtagtt taatgaccgg cgtggaccat acgaaattga gattctaact 180
ttcctgcagg agtgctcatg agcccagaat gtgattggga taaggccaaa cc 232

<210> 23928
<211> 117
<212> DNA
<213> Homo sapiens

<400> 23928

caagataaag ttctgaggac atcaggcctt ttgaaataca atgtcaaata acacattgta 60
cgttttcaaa aaatccgcta gacatgtcat aagttttaac tgtaatgcc aggaaag 117

<210> 23929
<211> 403
<212> DNA
<213> Homo sapiens

<400> 23929
atatcagatt tatagatagg tgtgtagctg caaatattgt gtctaattct tgtctccgtg 60
aaatccatag tttttttgaa tttctctatc tccagcacta atgcccata cacacaccc 120
tycctggctg aatttgatac cccatggtag aagcctctat cctgctgtct gcgtcagtat 180
tttgaggttc ttctgtgtc taatctgtga tactcattat ctgtatatatt aaatgggtctt 240
tccagccaag tgtgcataac ctttattctg cagtggggga ttggccttac atcagttact 300
ttttctaccc tggcaaatgg gctaggcaac ctagaaggaa acctgcaggc ctctcttttc 360
ctttagagac aaagcagatg tctccagtcg actgtctgct tca 403

<210> 23930
<211> 313
<212> DNA
<213> Homo sapiens

<400> 23930
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acaactgaac cactggattc acaaaacagc tttccctgaa ggatgcatgt gaccctggg 120
tcagccagcc agcatgggtg ggagccagta aggaggcagc caatttgcaa ttagggagca 180
attaataact acccaattgg tacaaaagac arctgagggg ctgggaggag aacaaggga 240
tgaagctcag aaaggagcct caggtctttc ttggaaaata ctgggagcgg gcaatgagga 300
atccccgggg taa 313

<210> 23931
<211> 107
<212> DNA
<213> Homo sapiens

<400> 23931
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taagatgcac gatggaattg tgttttgcgt tttttggtaa aaggagc 107

<210> 23932
<211> 138
<212> DNA
<213> Homo sapiens

<400> 23932
accagatccc agaggctgaa cagctcgact ttctctgcac agcagggtcca gcaccccttg 60
aaacatgagt tcttaccagc agaagcagac ctttacccca ccacctcagc ttcaacagca 120
gcagggtgaaa caaccag 138

<210> 23933
<211> 203
<212> DNA
<213> Homo sapiens

<400> 23933
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 atcttgagac ttgtttccata ttgccaaaat gctttttctga tacttgagct gtatcagatg 120
 cccattttgc catacccttg ctagcctcca gtattatttt tagtaactct gccaatctct 180
 aggtgaaaaa ctgtaccccc aaa 203

<210> 23934
 <211> 124
 <212> DNA
 <213> Homo sapiens

<400> 23934
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 ctattcagat cttttgccat tttaaattgg gttattttatt tatcattgag tagtaagagt 120
 tttt 124

<210> 23935
 <211> 231
 <212> DNA
 <213> Homo sapiens

<400> 23935
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 agcaatcgaa caactgaaag aacaagcagc aactggaaaa cagctagaaa aaaatcagtt 120
 ggagaaaatt cagaaagaaa cagcccttct ccaggagctg gaagatttgg aattgggtat 180
 ttaaagattc acggaaagca agttgatgac cagaaatcag tgcaaacact g 231

<210> 23936
 <211> 159
 <212> DNA
 <213> Homo sapiens

<400> 23936
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 cggaccacg ggtactgtgt gagctgtgaa gcccgcttgg gagacccac tgccagccag 120
 gcatgcctgg cgcggtggct cgcacctgta atcccagct 159

<210> 23937
 <211> 273
 <212> DNA
 <213> Homo sapiens

<400> 23937
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 actgttggtg ggattgtaaa ctagtccagc cattgtggaa gtcagtgtgg cgattcctca 120
 gggatctaga actagaaata ccatttgacc cagccatccc attactgggt atatacccaa 180
 atgactataa atcatgctgc tataaagaca catgcacact tatgtttatt gcggcattat 240
 tctcaatagc aaagacttgg aaccaacca ctg 273

<210> 23938
 <211> 444
 <212> DNA
 <213> Homo sapiens

<400> 23938
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 tgaagaagaa agtttgctta ggagctgatg ctctttgtct acaaacaaga gggtaaggag 360
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<210> 23940
 <211> 143
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 <213> Homo sapiens

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 <212> DNA
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 <212> DNA
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 caacaaaccc atgcctgggt tttgtgggtt tacaaggctc gtctccagaa aagttgtttt 180
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<210> 23943
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 <212> DNA

<213> Homo sapiens

<400> 23943

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tgccacattg	gtagactcct	aaaatacagt	tgacaactta	gccaattgca	actccagtgt	180
tgataattaa	aatgaaatgg	taaagcagca	gactgtaagg	tcttttagaga	tttttttttt	240
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ctttcagtag	ggcgctaata	tatacacatt	aatgataagt	tgataacatt	aaaaatgtag	360
ctgacttata	ctattaaacc	tcctctgcta	tgttcacaga	ttctgcatag	tttttttttc	420
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<211> 483

<212> DNA

<213> Homo sapiens

<400> 23944

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atccgagcag	ggtttgtctg	ggcacctgcg	gggtaggata	cggaaacgat	tcggaaggct	180
ttttgcaagc	atttacttgg	aaggagaact	tgggatcttt	ctgggaacc	cccgcgccgg	240
ctggattggc	cgagcaagcc	tggaaaatgg	taaatgatca	tttgatcaa	ttacaggctt	300
ttagctggct	tgtctgtcat	aattcatgay	ttggggctgg	gaaaaagacc	aacagcctac	360
gtgccccaaa	aggggcagag	tttgatggag	ttgggtggac	ttttctatgc	catttgcctc	420
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<210> 23945

<211> 272

<212> DNA

<213> Homo sapiens

<400> 23945

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gcccaggtcg	gagtscaatg	gcgcggtctc	ggctcaytgc	aacctccggg	ttcatgccat	180
tctcctgcct	cagcctccca	aatagctggg	actacaggcg	cctgcmacca	maccgggcta	240
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<210> 23946

<211> 127

<212> DNA

<213> Homo sapiens

<400> 23946

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acacaca						127

<210> 23947

<211> 178

<212> DNA

<213> Homo sapiens

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tgtaccaat agtgaacatg gtaccaata ggtaactttt caaccctcac ccgcccag 178

<210> 23948
<211> 398
<212> DNA
<213> Homo sapiens

<400> 23948
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gagagctttt cctgagatgc tgggagctct ctactaacca ttctattcag tgactctgaa 240
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<210> 23949
<211> 360
<212> DNA
<213> Homo sapiens

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tgtaatctga cttccgtatc ttactgagta ttatagacat atttaggatt caaaatagac 180
tcaacagcgt ttcatactat atagtaatga caagtggaaa catgtatgcc gcataaacga 240
taaagttatt aaggctactt ttataatata gttgactcga acaatgcagg ggtaggtgt 300
gctgatcccc tgcgcagtca aaaatccacg tgtaactttt gactcccaa aacctacctg 360

<210> 23950
<211> 145
<212> DNA
<213> Homo sapiens

<400> 23950
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aatcagcttg tccatttttg caaaaaaggt agttgggatt ttgatagaga ttgtgttgag 120
tctgtagatc aatttgggag gcgag 145

<210> 23951
<211> 110
<212> DNA
<213> Homo sapiens

<400> 23951
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tgggtcctat tccataacaa ctaaatacaa atcacccttt tttttttttt 110

<210> 23952
<211> 107

<212> DNA

<213> Homo sapiens

<400> 23952

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<210> 23953

<211> 120

<212> DNA

<213> Homo sapiens

<400> 23953

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<210> 23954

<211> 439

<212> DNA

<213> Homo sapiens

<400> 23954

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tttgtccagc	tgcaasagat	ctttggagaa	ctgtgcggct	cccggctgtg	ctgaagggca	180
gggagttctc	ccagctattc	ccggttttca	tcttccatgg	cctactcctt	ccacaccctg	240
gtgccaccct	ggcctgcacc	ggccatgtgg	gcttctgcct	tcactttcaa	catctgactc	300
ccaagcccag	cccacgcaag	acagcccaa	ggcccatgc	ccaagactag	gggtgtgaga	360
ttcacttccc	atctactgca	cgctgcatg	ggycaggcac	ccccagtg	taagaataca	420
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<210> 23955

<211> 180

<212> DNA

<213> Homo sapiens

<400> 23955

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ggctcttaag	aggcaaaact	aaaccctaaa	gaaaaagcta	accaccccc	acccccactg	180

<210> 23956

<211> 157

<212> DNA

<213> Homo sapiens

<400> 23956

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<210> 23957

<211> 353

<212> DNA

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gttccttcat	tcttcaccta	taatttgtaa	caatgtgaag	tcacacttgt	tccataaatc	180
ctgctcaaac	cactctagtc	cctagtaaat	tctctgtccc	tccaaatttc	aacaataaat	240
ctagcccaaa	cttttctatt	cccaaaccaa	acagcataga	tctttctaac	tgacatttgt	300
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<213> Homo sapiens

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ctctattagt	gttggaatgg	atgagctcta	gtgagtaagc	gcctaagaca	acacagaccc	180
taaggtcttc	tgaacccaac	caagtgcctt	gtttttgctg	ctataccagg	ctgtccttct	240
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<213> Homo sapiens

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<213> Homo sapiens

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gaatgargtt  aaacgttcgt  tttcacctta  cqacgggaac  c              161
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<213> Homo sapiens

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tgtctggtcc	ctgaggggag	tctctcggtc	tgtgcagcca	cccagggatg	atgtggtggt	180
aagtacccc						189

<210> 23962
<211> 109
<212> DNA
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<210> 23963
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<212> DNA
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ctggcacttg tgcttcaatt tctctcctcc ctgac 215

<210> 23964
<211> 236
<212> DNA
<213> Homo sapiens

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gagtcgcagg cccttggggc scctctgtga gatctcaatg ctgtctgggg accctaagag 180
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<212> DNA
<213> Homo sapiens

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ttaaatctca agtagaacta tattgtcatt atcacatcta aacagatatc atcaaatacc 180
tagtgttcag atgttctggg ttgcctcata aattttggtt tctatttggt tcatagtaat 240
cataatctaa acaagatcca cacagtgcga a 271

<210> 23966
<211> 55
<212> DNA
<213> Homo sapiens

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<210> 23967
<211> 88
<212> DNA

<213> Homo sapiens

<400> 23967

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<211> 256

<212> DNA

<213> Homo sapiens

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tccctctaca gccctagact ttagagtctg aagagccaag ttccttaact cacttgtata	180
gtgcattttc atctctttga gctccagatt ttttctcagg aaatggaata acaatacatg	240
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<210> 23969

<211> 179

<212> DNA

<213> Homo sapiens

<400> 23969

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<210> 23970

<211> 172

<212> DNA

<213> Homo sapiens

<400> 23970

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<210> 23971

<211> 153

<212> DNA

<213> Homo sapiens

<400> 23971

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<210> 23972

<211> 213

<212> DNA

<213> Homo sapiens

<400> 23972

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ataaaagtat	taaggctaca	ttaagctata	atttgaacac	accctaactt	acatgcctta	180
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gataacattt	ttcattaaag	catctgagat	ctaagaacac	aattrktatt	ctaacaatga	240
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<210> 23975
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 <212> DNA
 <213> Homo sapiens

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<210> 23976
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 <212> DNA
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<210> 23977
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<212> DNA
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gagagagaaa gggaggggaag cagagagtca agtccaaggg aatgagcgag agaggcagag 120
acaggggaag aggcgtgcga gagac 145

<210> 23978
<211> 224
<212> DNA
<213> Homo sapiens

<400> 23978
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aatgggaaac ttgggggtgga gagagcatac ttattgggct gtgaaggcat acggatgtac 180
atgttttaga gcttatctca gatttaaata gccaaaggaa gact 224

<210> 23979
<211> 126
<212> DNA
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caagatggca ccactgtgct ccagcctggg ggacagagcg agactccatc tcaaaaaaaaa 120
aaagga 126

<210> 23980
<211> 122
<212> DNA
<213> Homo sapiens

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gcgattaaaa atatatataa garaattatt agccatgtgt aacatattta aataatgacc 120
aa 122

<210> 23981
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<212> DNA
<213> Homo sapiens

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gcggtgttcc ttctacacag aggctga 147

<210> 23982
<211> 149
<212> DNA
<213> Homo sapiens

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acctcttgct atttattcct tctaacgtc 149

<210> 23983
<211> 341
<212> DNA
<213> Homo sapiens

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<211> 200
<212> DNA
<213> Homo sapiens

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<210> 23985
<211> 184
<212> DNA
<213> Homo sapiens

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agag 184

<210> 23986
<211> 263
<212> DNA
<213> Homo sapiens

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agcttgtatg cwartgggag gaaatgggca ttacataaaa tatttataaa taaaaaatar 180
acaaccaact cttatagtaa taaatactag gaaggctggg cgcggtggct cacacctaca 240
atcccagcac tttgggtggc tct 263

<210> 23987
<211> 168

<212> DNA

<213> Homo sapiens

<400> 23987

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<210> 23988

<211> 277

<212> DNA

<213> Homo sapiens

<400> 23988

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gtcactgtcc	ctatgcagag	ctgtaccaag	atctgcactc	agaaaatttt	gaggaaaatt	180
gtttaatagg	gttggagtga	tataaccttt	gttttcatta	ttcatgtatt	ctgtttttca	240
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<210> 23989

<211> 315

<212> DNA

<213> Homo sapiens

<400> 23989

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tacagaaaac	aaatgtacat	ttgtcaattc	caaaattcta	aaggcattgc	actcatatgc	180
tctttctcat	gctgtgcagt	atgtatttct	tgaaagatcg	ccaaagactg	atttcaccct	240
aatgctaagg	gcaggatttt	tatcccatag	ctgagagggg	caacacatga	ataacagtta	300
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<210> 23990

<211> 235

<212> DNA

<213> Homo sapiens

<400> 23990

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gtccctcccc	gtcccgctt	tccctctgta	gtagtcccg	ctgccctggg	ccatcgctta	180
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<210> 23991

<211> 237

<212> DNA

<213> Homo sapiens

<400> 23991

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ggttttttaa	atataatttt	ctttttccag	tttcccattt	ttattaaaag	acaaatcatg	180
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DECEMBER

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<210> 23998
<211> 149
<212> DNA
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<212> DNA
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agaaacttaa aaggtgggaa aa 142

<210> 24000
<211> 129
<212> DNA
<213> Homo sapiens

<400> 24000
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acagaccctg gtcttttttc actgaaatta actgttgtga acctgatagt ctccttgatt 120
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<210> 24001
<211> 88
<212> DNA
<213> Homo sapiens

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<210> 24002

<211> 141
<212> DNA
<213> Homo sapiens

<400> 24002
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tcatggcaat aaaggaccg c 141

<210> 24003
<211> 114
<212> DNA
<213> Homo sapiens

<400> 24003
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<210> 24004
<211> 332
<212> DNA
<213> Homo sapiens

<400> 24004
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ggtaccgcac ccgctaccta gtgtgaatga actgtggcgt gggctgctaa gggcaggctg 180
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<210> 24005
<211> 376
<212> DNA
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<400> 24005
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tggaaggaa taatga 376

<210> 24006
<211> 148
<212> DNA
<213> Homo sapiens

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ctacatccat cttttctgtg gcgggcaa 148

<210> 24007
<211> 179
<212> DNA
<213> Homo sapiens

<400> 24007
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<210> 24008
<211> 175
<212> DNA
<213> Homo sapiens

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ccccaaactt gagtctaaag gaggatgtcg gccgtttctc cgcactctacc aggcc 175

<210> 24009
<211> 95
<212> DNA
<213> Homo sapiens

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actgcagcct caaactcctg ggctcaaggg atcgc 95

<210> 24010
<211> 163
<212> DNA
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<400> 24010
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ttaccaataa aatgctcaaa atttaacaag ataaaaacct agtaatttcc caaagtaaatt 120
caagttggtt tagaaggaat taaagaatca acttacacag aag 163

<210> 24011
<211> 151
<212> DNA
<213> Homo sapiens

<400> 24011
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ggcccaaatt cctcatggc agccatcagc t 151

<210> 24012
<211> 57
<212> DNA
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<210> 24013
<211> 166
<212> DNA
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<400> 24013
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<211> 118
<212> DNA
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<211> 324
<212> DNA
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<210> 24016
<211> 185
<212> DNA
<213> Homo sapiens

<400> 24016
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gccat 185

<210> 24017
<211> 317
<212> DNA
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<400> 24017
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ccatactaga	gttcatggat	atgtttatact	gaaccaggcc	agagcaaaca	gaahaagaag	240
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<210> 24018
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 <212> DNA
 <213> Homo sapiens

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gcttttctgc	tgt 133

<210> 24019
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 <212> DNA
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gaatgttttg	tgttttgttt atcatgatta tagaataagg aatttatgta aatatactta 180
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atgtatctga	atacctcctt ccttcccc 268

<210> 24020
 <211> 188
 <212> DNA
 <213> Homo sapiens

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aaagcct	

<210> 24021
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 <212> DNA
 <213> Homo sapiens

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<210> 24022
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<212> DNA
<213> Homo sapiens

<400> 24022
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gtgtcatcct acagagtaac cccattttac aggagcc 217

<210> 24023
<211> 121
<212> DNA
<213> Homo sapiens

<400> 24023
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t 121

<210> 24024
<211> 381
<212> DNA
<213> Homo sapiens

<400> 24024
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gtcatcaaga gatagggtt cctggaggac ctgggagtc ggatgtggcc gccaggtaaa 180
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<210> 24025
<211> 346
<212> DNA
<213> Homo sapiens

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tttataaacb bgtgtaatag gatgcttttc tagtggtact ttggaggagc taattataca 120
acatcattga accattcaat aaaagttarg taaaattaga tcacagaagc tagtagatga 180
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<210> 24026
<211> 363
<212> DNA
<213> Homo sapiens

<400> 24026
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